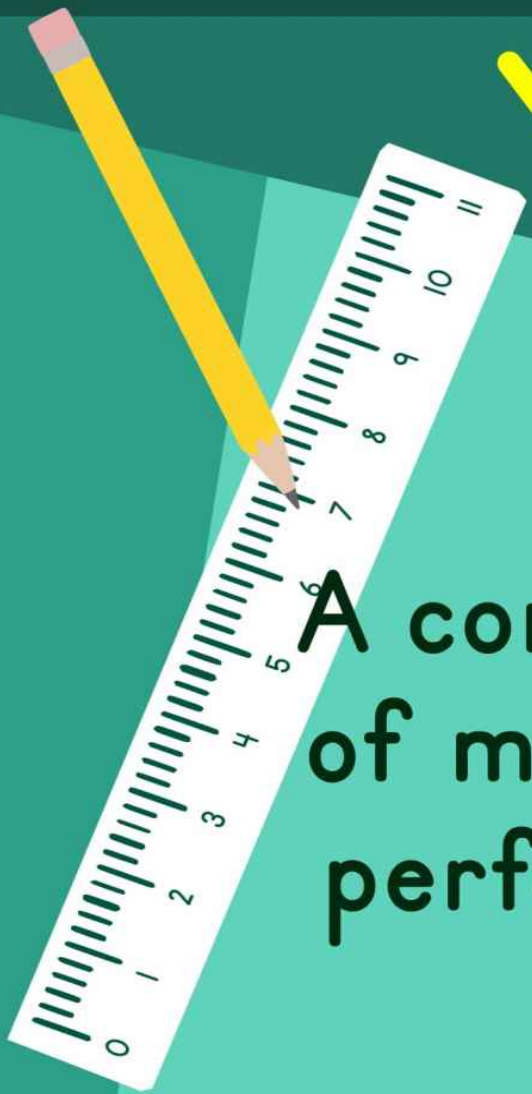
100 worksheets and over 2000 questions (answers at the back!)

Maths Worksheets

All topics in the National Curriculum covered

Year One



A complete collection of maths worksheets perfect for ages 4-6

Kieran Ball

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YEAR ONE

NUMBER & PLACE VALUE

Fill in the gaps

1) 1 ___ 3 4 ___ 6 7 ___ 9 10

2) 40 41 42 ___ 44 ___ 46 47 ___ 49

3) 69 ___ 71 72 ___ 74 75 76 77 ___

4) 32 33 ___ 35 ___ 37 38 39 ___ 41

5) ___ 15 16 17 18 19 ___ ___ 22 23 24

6) 91 92 ___ ___ 95 96 97 ___ 99 100

7) 50 ___ 52 ___ 54 ___ 56 57 58 ___

8) 83 ___ ___ 86 87 ___ ___ ___ 91 92

9) 7 ___ 9 10 11 ___ ___ 14 15 16 ___ 18

10) 34 ___ 36 ___ ___ 39 40 ___ ___ 43

11) ___ ___ 74 ___ 76 77 78 79 ___ 81

12) ___ ___ ___ 12 13 14 ___ ___ 17 18

13) 2 ___ ___ ___ ___ ___ 8 ___ ___ ___

14) 20 21 ___ 23 ___ ___ ___ ___ ___ 29

15) 30 ___ 32 ___ 34 ___ 36 37 ___ ___

16) ___ 46 ___ 48 ___ 50 ___ ___ ___ ___

17) ___ ___ ___ 93 94 ___ ___ ___ ___ ___

NUMBER & PLACE VALUE *COUNTING BACKWARDS FROM 100*

Fill in the gaps

1) 64 63 ___ 61 60 ___ 58 57 56 ___

2) 94 93 ___ 91 90 89 ___ ___ 86 85

3) 21 20 19 ___ ___ 16 ___ 14 13 12

4) 47 ___ 45 44 ___ ___ 41 ___ ___ 38

5) 83 ___ 81 ___ 79 78 ___ ___ 75 ___

6) ___ 31 30 ___ ___ 27 26 ___ ___ 23

7) 80 ___ 78 ___ 76 75 ___ ___ 72 ___

8) 36 ___ 34 33 ___ ___ 30 29 ___ ___

9) 100 ___ 98 ___ 96 95 ___ ___ 92 ___

10) ___ 26 ___ ___ 23 22 ___ ___ 19 ___

11) 10 9 ___ 7 6 ___ 4 ___ ___ ___

12) 74 ___ 72 ___ ___ 69 68 ___ ___ 65

13) ___ 10 ___ 8 7 ___ ___ 4 ___ 2

14) 66 ___ 64 ___ 62 61 ___ ___ 58 ___

15) ___ 70 ___ 68 67 ___ ___ ___ ___ ___

16) ___ 28 ___ ___ ___ 24 ___ ___ ___ ___

17) ___ ___ ___ ___ 96 ___ ___ ___ ___ 91

NUMBER & PLACE VALUE

COUNTING FORWARDS AND BACKWARDS FROM 100

Fill in the gaps

1) 22 23 ___ 25 ___ 27 28 ___ ___ 31

2) 54 ___ 56 57 ___ 59 ___ 61 62 ___

3) 67 ___ 65 ___ 63 62 ___ 60 ___ ___

4) ___ 20 19 ___ 17 ___ 15 ___ ___ 12

5) 78 79 ___ ___ ___ 83 84 ___ ___ 87

6) 100 ___ 98 97 ___ ___ 94 ___ ___ 91

7) 36 ___ 38 ___ ___ 41 42 ___ ___ ___

8) ___ ___ 75 74 ___ 72 71 ___ 69 ___

9) ___ 5 6 ___ ___ ___ 10 11 ___ ___

10) 80 ___ 78 77 ___ 75 74 ___ ___ ___

11) ___ ___ 12 11 ___ 9 8 ___ ___ 5

12) 40 41 ___ ___ ___ ___ 46 ___ ___ ___

13) ___ ___ 10 11 12 ___ ___ ___ 16 ___

14) ___ ___ ___ ___ ___ 74 75 ___ ___ ___

15) ___ 49 ___ ___ 46 ___ ___ ___ ___ ___

16) 17 ___ ___ ___ ___ ___ ___ ___ ___ 26

Fill in the gaps

1) 12 _____

2) 28 _____

3) _____ fifty-four

4) 85 _____

5) _____ seventy-one

6) _____ thirty-six

7) 55 _____

8) _____ twenty-nine

9) 40 _____

10) 74 _____

11) _____ sixteen

12) _____ ninety-eight

13) 6 _____

14) 63 _____

15) 4 _____

16) _____ twenty-six

17) 60 _____

18) 78 _____

19) _____ one hundred

20) 47 _____

21) 22 _____

22) _____ thirty-eight

23) _____ eighty-one

24) 58 _____

25) 14 _____

26) 89 _____

27) _____ ninety

28) 18 _____

29) 99 _____

30) _____ sixty-seven

31) _____ eighty-seven

32) _____ thirty-nine

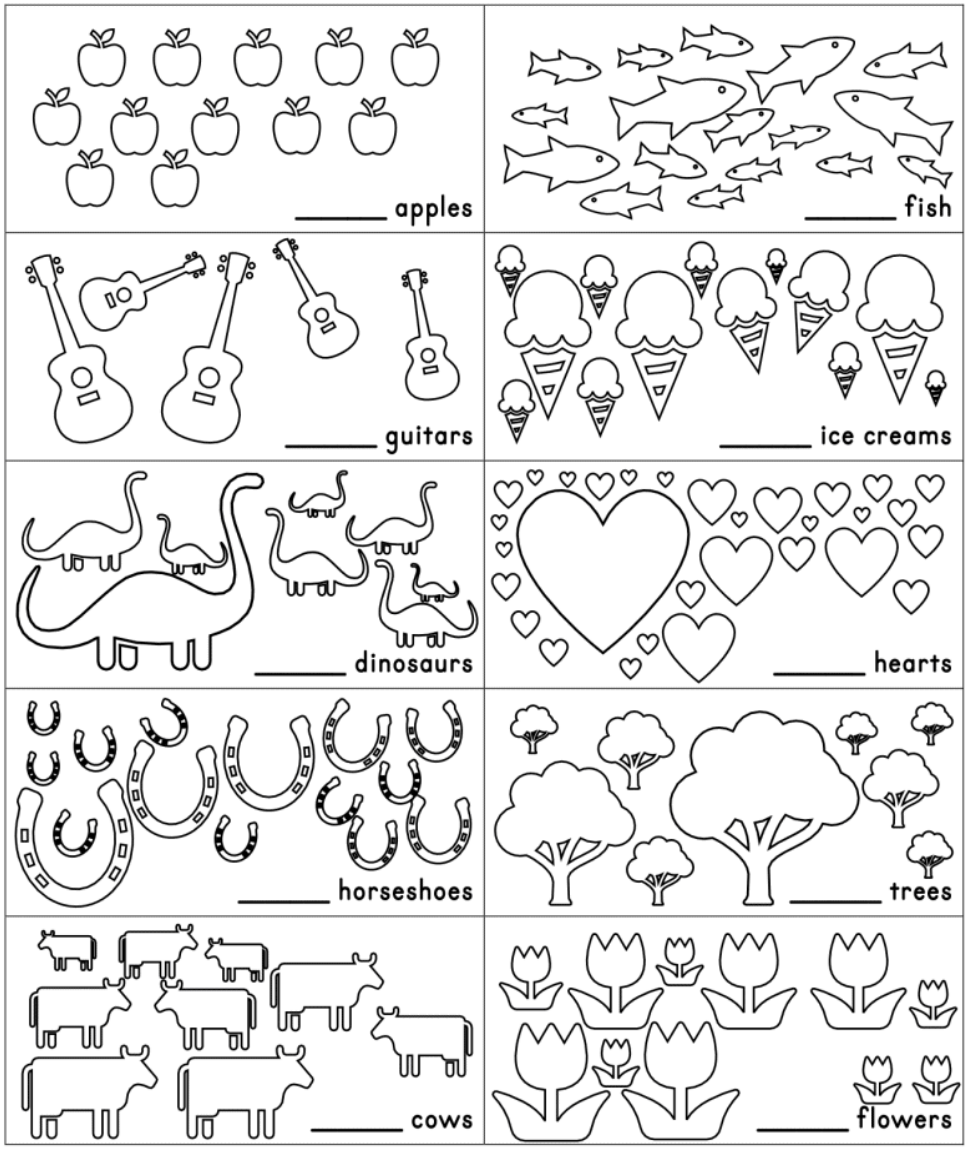
33) 19 _____

34) 34 _____

35) _____ forty-two

36) _____ twenty-one

Count the objects



Count the objects

NUMBER & PLACE VALUE

1) What is one more than 56? _____

2) What is one more than 99? _____

3) What is one less than 82? _____

4) What is one less than 36? _____

5) What is one less than 29? _____

6) What is one more than 10? _____

7) What is one less than 42? _____

8) What is one less than 50? _____

9) What is one more than 38? _____

10) What is one less than 53? _____

11) What is one more than 78? _____

12) What is one more than 88? _____

13) What is one more than 12? _____

14) What is one less than 14? _____

15) What is one more than 2? _____

16) What is one more than 7? _____

17) What is one more than 75? _____

18) What is one more than 82? _____

19) What is one less than 27? _____

20) What is one less than 60? _____

ONE MORE OR ONE LESS

21) What is one more than 85? _____

22) What is one less than 91? _____

23) What is one less than 67? _____

24) What is one more than 45? _____

25) What is one less than 70? _____

26) What is one more than 30? _____

27) What is one more than 5? _____

28) What is one more than 19? _____

29) What is one less than 49? _____

30) What is one more than 20? _____

31) What is one more than 95? _____

32) What is one less than 68? _____

33) What is one less than 33? _____

34) What is one less than 17? _____

35) What is one more than 1? _____

36) What is one less than 39? _____

37) What is one more than 83? _____

38) What is one less than 94? _____

39) What is one more than 76? _____

40) What is one less than 9? _____

NUMBER & PLACE VALUE *COMPARING NUMBERS*

Circle the correct word

1) 37 is **more / less** than 39

2) 42 is **more / less** than 50

3) 62 is **more / less** than 53

4) 1 is **more / less** than 8

5) 86 is **more / less** than 78

6) 2 is **more / less** than 3

7) 44 is **more / less** than 48

8) 77 is **more / less** than 78

9) 46 is **more / less** than 45

10) 68 is **more / less** than 86

11) 93 is **more / less** than 94

12) 70 is **more / less** than 42

13) 55 is **more / less** than 24

14) 88 is **more / less** than 89

15) 30 is **more / less** than 28

16) 20 is **more / less** than 17

17) 18 is **more / less** than 16

18) 57 is **more / less** than 50

19) 31 is **more / less** than 52

20) 36 is **more / less** than 25

21) 26 is **more / less** than 28

22) 93 is **more / less** than 99

23) 98 is **more / less** than 97

24) 54 is **more / less** than 56

25) 87 is **more / less** than 81

26) 46 is **more / less** than 48

27) 63 is **more / less** than 62

28) 3 is **more / less** than 8

29) 4 is **more / less** than 9

30) 51 is **more / less** than 70

31) 34 is **more / less** than 29

32) 99 is **more / less** than 100

33) 75 is **more / less** than 45

34) 25 is **more / less** than 24

Put these numbers in order

1) 78 43 14 89 87 71 72 47 90 2

smallest											largest

2) 64 84 25 7 88 28 78 87 33 21

smallest											largest

3) 21 91 97 73 39 54 92 6 24 45

smallest											largest

4) 54 63 3 59 30 14 20 8 6 2

smallest											largest

5) 62 46 36 31 39 41 9 43 58 77

smallest											largest

6) 19 42 43 18 83 37 71 75 13 46

smallest											largest

7) 8 2 53 21 5 82 35 17 85 86

smallest											largest

8) 51 98 90 95 94 41 66 47 92 93

smallest											largest

9) 39 4 45 7 46 79 52 81 36 48

smallest											largest

10) 73 8 85 47 75 6 46 22 94 23

largest											smallest

11) 55 91 86 35 56 78 18 87 27 21

largest											smallest

12) 13 12 73 44 80 84 62 63 65 57

largest											smallest

13) 4 37 40 20 13 14 97 84 19 79

largest											smallest

14) 94 36 99 42 88 28 9 61 3 57

largest											smallest

15) 16 43 4 71 69 98 17 64 77 94

largest											smallest

16) 30 89 29 59 70 12 8 46 47 39

largest											smallest

17) 78 15 67 32 16 11 47 34 52 39

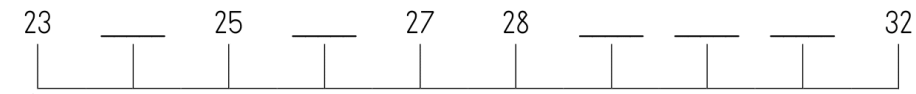
largest											smallest

18) 94 99 98 21 41 43 51 9 68 20

largest											smallest

Fill in the gaps on the number line

1)



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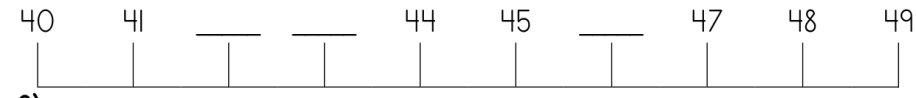

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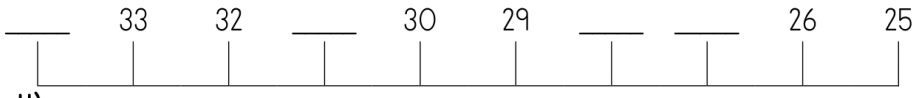

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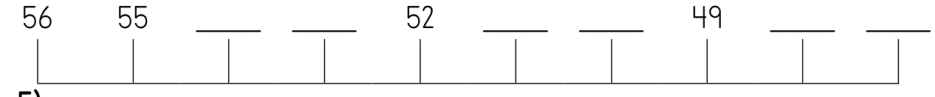

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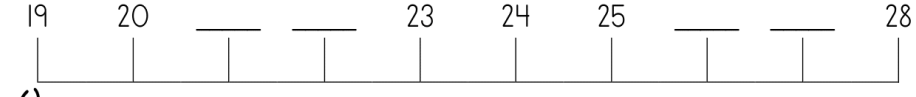

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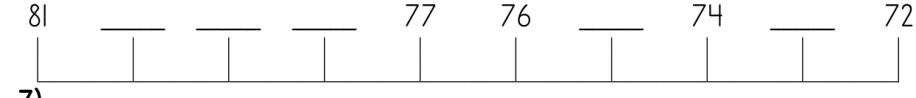

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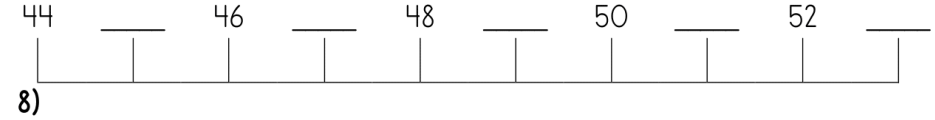

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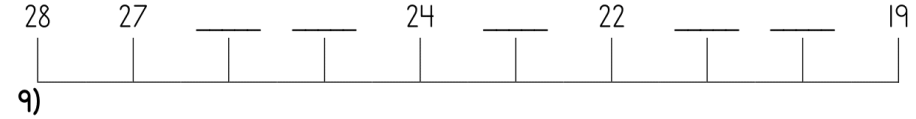

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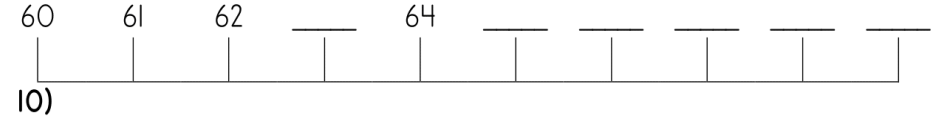

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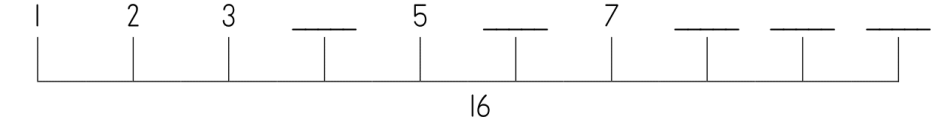

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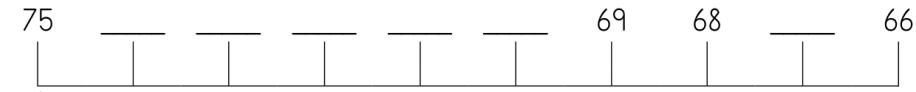

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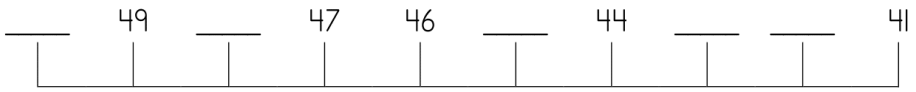

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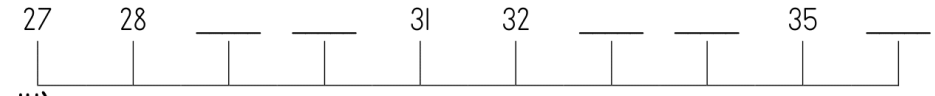

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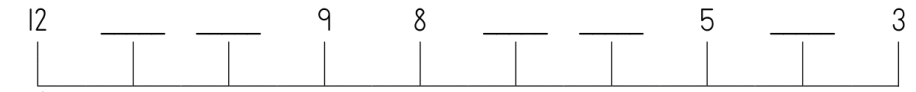

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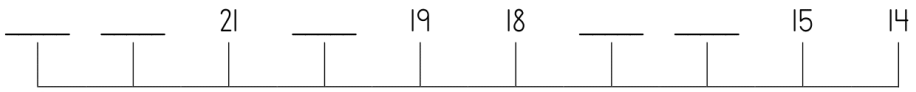

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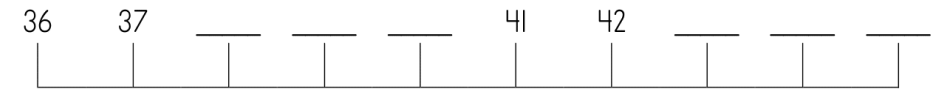

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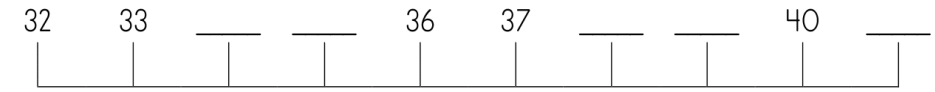

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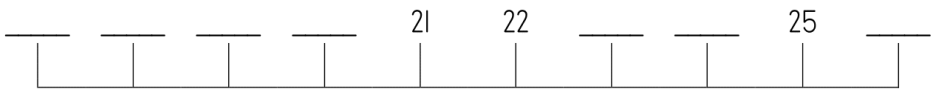

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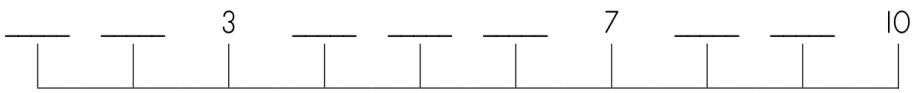


NUMBER & PLACE VALUE *COUNTING IN 2s*

Fill in the gaps

1) 40 42 44 46 ___ ___ 52 ___ ___ ___

2) 24 26 28 ___ ___ ___ 36 38 ___ ___

3) 80 82 ___ 86 88 ___ 92 94 ___ ___

4) 48 50 ___ ___ ___ ___ 60 62 ___ ___

5) 70 ___ ___ ___ 78 80 ___ ___ 86 ___

6) ___ ___ ___ 18 20 22 ___ ___ ___ 30

7) 4 6 8 ___ ___ ___ ___ ___ 20 22

8) 30 32 ___ ___ 38 40 ___ 44 ___ ___

9) ___ ___ ___ 74 76 ___ 80 82 ___ ___

10) ___ ___ 86 88 ___ ___ ___ 96 98 ___

11) 26 ___ ___ ___ 34 36 ___ ___ 42 ___

12) 2 ___ ___ ___ 10 ___ ___ 16 ___ ___

13) 66 68 ___ ___ ___ ___ ___ 80 82 ___

14) ___ ___ ___ ___ ___ 28 30 ___ ___ ___

15) ___ ___ ___ 20 22 ___ 26 28 ___ ___

16) ___ 60 ___ 64 66 ___ ___ ___ ___ ___

17) ___ ___ ___ ___ ___ ___ 52 54 ___ ___

NUMBER & PLACE VALUE *COUNTING BACKWARDS IN 2s*

Fill in the gaps

1) 94 92 90 ___ ___ ___ 82 80 ___ ___

2) 26 24 ___ ___ ___ 16 14 ___ ___ ___

3) 72 ___ ___ ___ 64 62 60 ___ ___ ___

4) ___ ___ ___ 42 40 38 36 ___ 32 ___

5) 86 84 ___ 80 ___ 76 ___ ___ ___ 68

6) ___ ___ 16 14 12 10 ___ ___ 4 ___

7) 66 ___ 62 60 ___ 56 54 ___ ___ ___

8) 100 98 96 94 ___ ___ ___ ___ ___ ___

9) 44 42 ___ ___ ___ 34 32 ___ ___ ___

10) ___ 90 ___ 86 ___ 82 ___ 78 ___ ___

11) 30 ___ ___ ___ 22 ___ 18 ___ 14 ___

12) ___ 48 ___ 44 ___ 40 ___ 36 ___ 32

13) ___ ___ ___ 52 ___ ___ ___ ___ ___ 40

14) 34 ___ ___ ___ ___ ___ ___ 20 ___ 16

15) ___ ___ ___ 24 ___ 20 ___ ___ ___ ___

16) ___ 48 ___ ___ ___ ___ ___ 36 ___ ___

17) ___ ___ 30 ___ ___ 24 ___ ___ ___ ___

NUMBER & PLACE VALUE

COUNTING FORWARDS AND BACKWARDS IN 2s

Fill in the gaps

1) 70 ___ ___ ___ 62 60 58 ___ ___ ___

2) 24 26 ___ ___ ___ 34 36 ___ ___ ___

3) ___ 36 34 ___ 30 28 ___ 24 ___ ___

4) 12 ___ 16 ___ 20 ___ ___ ___ 28 30

5) ___ 98 96 ___ ___ ___ 88 86 ___ 82

6) 58 56 ___ ___ ___ 48 46 ___ ___ ___

7) 62 ___ ___ 68 70 ___ ___ ___ ___ 80

8) 44 46 ___ ___ ___ 54 56 ___ ___ ___

9) ___ ___ ___ 70 ___ 66 ___ 62 60 ___

10) 88 86 ___ ___ ___ ___ ___ 74 72 ___

11) 18 20 ___ ___ ___ 28 30 ___ ___ ___

12) ___ ___ ___ 22 ___ 18 ___ 14 ___ 10

13) 90 ___ 86 ___ 82 ___ 78 ___ 74 ___

14) 50 ___ ___ ___ 58 ___ ___ ___ ___ ___

15) ___ ___ ___ ___ ___ ___ ___ 12 10 ___

16) ___ 14 ___ 18 ___ ___ ___ ___ ___ ___

NUMBER & PLACE VALUE

1) What is two more than 56? _____

2) What is two more than 98? _____

3) What is two fewer than 84? _____

4) What is two fewer than 36? _____

5) What is two fewer than 28? _____

6) What is two more than 10? _____

7) What is two fewer than 42? _____

8) What is two fewer than 50? _____

9) What is two more than 38? _____

10) What is two fewer than 54? _____

11) What is two more than 78? _____

12) What is two more than 88? _____

13) What is two more than 12? _____

14) What is two fewer than 14? _____

15) What is two more than 2? _____

16) What is two more than 8? _____

17) What is two more than 74? _____

18) What is two fewer than 82? _____

19) What is two fewer than 26? _____

20) What is two fewer than 60? _____

TWO MORE OR TWO FEWER

21) What is two more than 86? _____

22) What is two fewer than 92? _____

23) What is two fewer than 66? _____

24) What is two more than 44? _____

25) What is two fewer than 70? _____

26) What is two more than 30? _____

27) What is two more than 6? _____

28) What is two more than 20? _____

29) What is two fewer than 48? _____

30) What is two more than 22? _____

31) What is two more than 96? _____

32) What is two fewer than 68? _____

33) What is two fewer than 34? _____

34) What is two fewer than 16? _____

35) What is two more than 94? _____

36) What is two fewer than 76? _____

37) What is two more than 4? _____

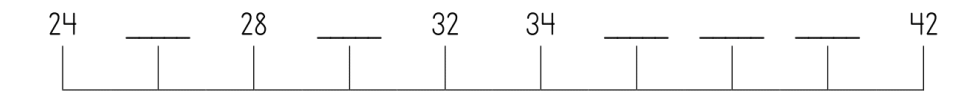
38) What is two fewer than 40? _____

39) What is two more than 52? _____

NUMBER & PLACE VALUE *NUMBER LINES IN 2s*

Fill in the gaps on the number line

1)



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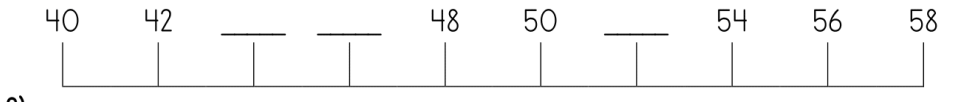

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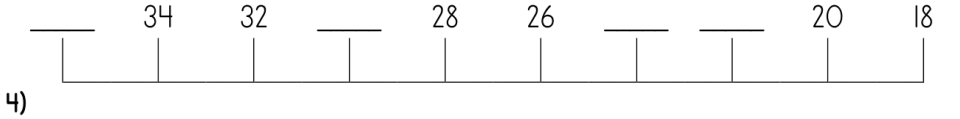

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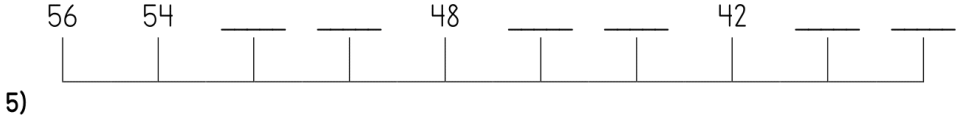

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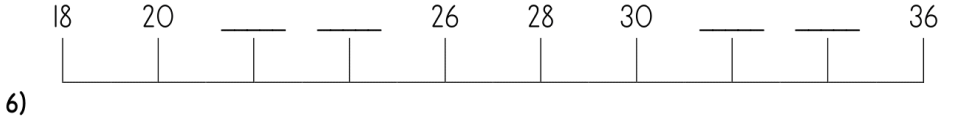

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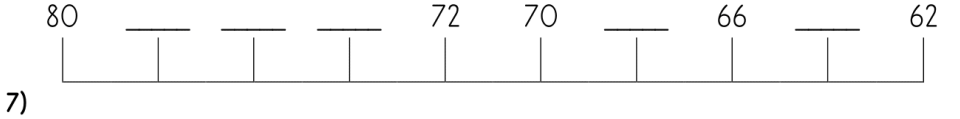

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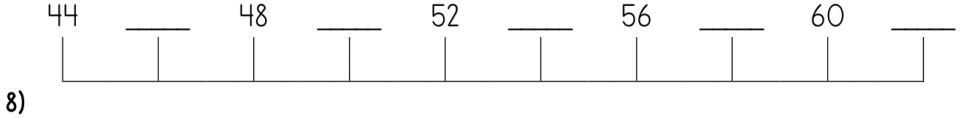

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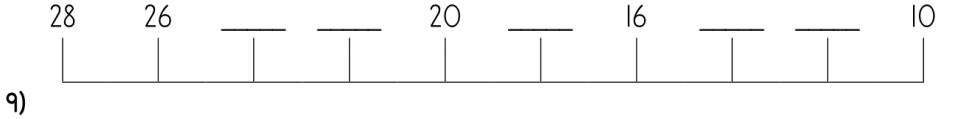

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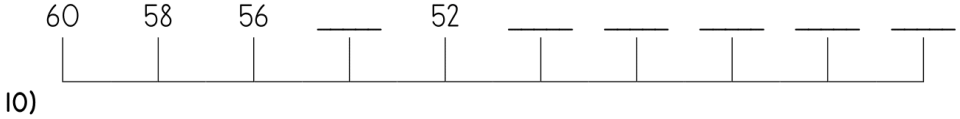

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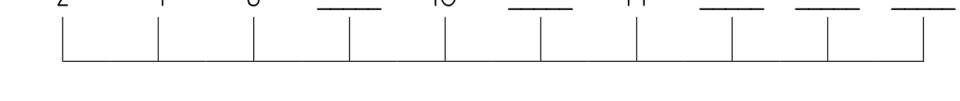

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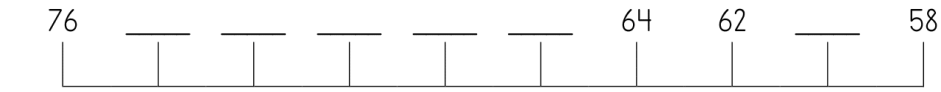

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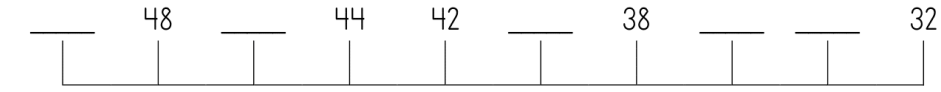

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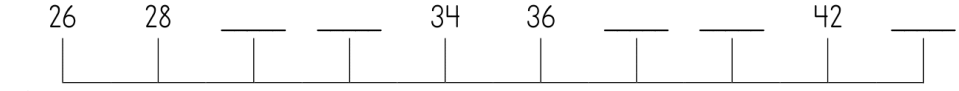

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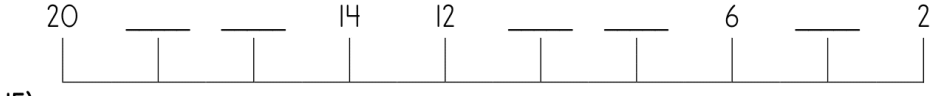

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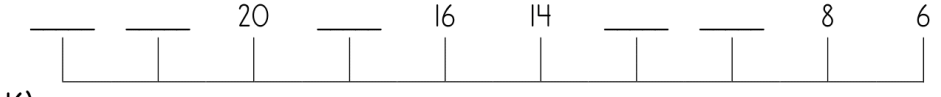

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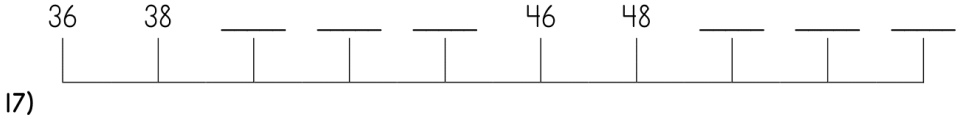

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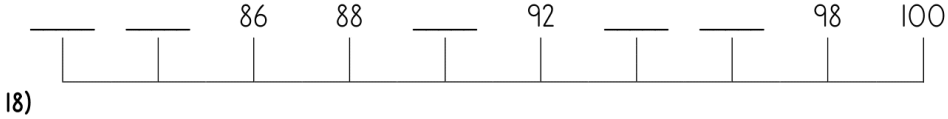

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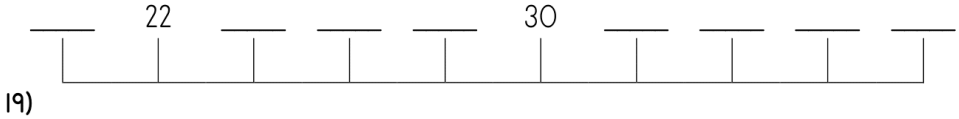

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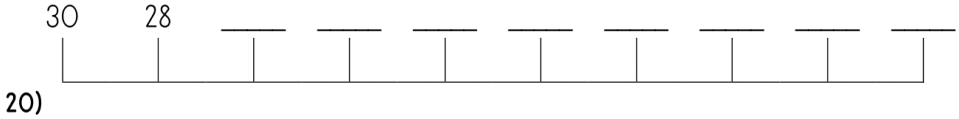

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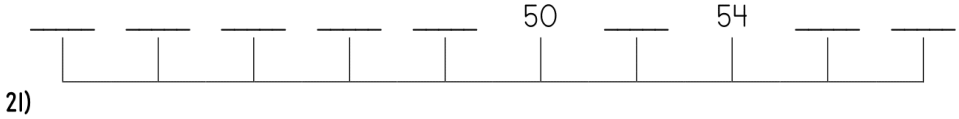

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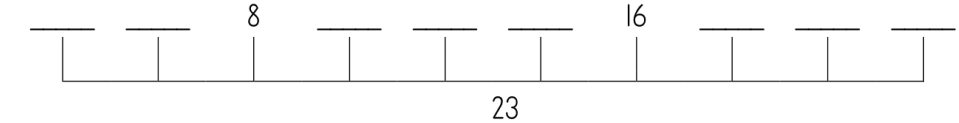


NUMBER & PLACE VALUE *COUNTING IN 5s*

Fill in the gaps

1) 25 30 35 ___ ___ ___ 55 60 ___ ___

2) 55 60 ___ 70 75 ___ 85 90 ___ ___

3) 45 50 ___ ___ ___ ___ 75 80 ___ ___

4) 70 ___ ___ ___ 90 95 ___

5) ___ ___ ___ 20 25 30 ___ ___ ___ 50

6) 5 10 15 ___ ___ ___ ___ ___ 45 50

7) 30 35 ___ ___ 50 55 ___ 65 ___ ___

8) ___ ___ ___ 75 80 ___ 90 95 ___

9) ___ ___ 80 85 ___ ___ ___

10) 25 ___ ___ ___ 45 50 ___ ___ 65 ___

11) 10 ___ ___ ___ 30 ___ ___ 45 ___ ___

12) 65 70 ___ ___ ___ ___ ___ 100

13) ___ ___ ___ ___ ___ 30 35 ___ ___ ___

14) ___ ___ ___ ___ ___ 45 50 ___ ___ ___

15) ___ ___ ___ 20 ___ ___ ___ 40 ___ ___

16) ___ 65 ___ ___ ___ ___ ___ ___ 100

17) ___ 25 30 ___ ___ ___ ___ ___ ___ ___

NUMBER & PLACE VALUE *COUNTING BACKWARDS IN 5s*

Fill in the gaps

1) 50 45 ___ ___ ___ 25 20 ___ ___ ___

2) 75 ___ ___ ___ 55 50 45 ___ ___ ___

3) ___ ___ ___ 45 40 35 30 ___ 20 ___

4) 85 80 ___ 70 ___ 60 ___ ___ ___ 40

5) ___ ___ 30 25 20 15 ___ ___

6) 65 ___ 55 50 ___ 40 35 ___ ___ ___

7) 100 95 90 85 ___ ___ ___ ___ ___ ___

8) 45 40 ___ ___ ___ 20 15 ___ ___

9) ___ 90 ___ 80 ___ 70 ___ 60 ___ ___

10) 30 ___ ___ ___ 10 ___

11) ___ 50 ___ 40 ___ 30 ___ 20 ___ 10

12) ___ ___ ___ 50 ___ ___ ___ ___ ___ 20

13) 55 ___ ___ ___ ___ ___ ___ 20 ___ 10

14) 95 90 85 ___ ___ ___ 65 60 ___ ___

15) ___ ___ ___ 55 ___ ___ ___ ___ 30 ___

16) ___ 45 ___ ___ 30 25 ___ ___ ___ ___

17) 40 ___ ___ ___ ___ ___ ___ 5

NUMBER & PLACE VALUE

COUNTING FORWARDS AND BACKWARDS IN 5s

Fill in the gaps

1) 25 30 ___ ___ ___ 50 55 ___ ___ ___

2) ___ 40 35 ___ 25 20 ___ 10 ___

3) 40 ___ 30 ___ 20 ___ ___ ___

4) ___ 95 90 ___ ___ ___ 70 65 ___ 55

5) 55 60 ___ ___ ___ 80 85 ___ ___ ___

6) 40 ___ ___ 55 60 ___ ___ ___ ___ 85

7) 45 50 ___ ___ ___ 70 75 ___ ___ ___

8) ___ ___ ___ 70 ___ 80 ___ 90 95 ___

9) 90 85 ___ ___ ___ ___ ___ 55 50 ___

10) 20 25 ___ ___ ___ 45 50 ___ ___ ___

11) ___ ___ ___ 25 ___ 15 ___ 5

12) 95 ___ 85 ___ 75 ___ 65 ___ 55 ___

13) 35 ___ ___ ___ 55 ___ ___ ___ ___ ___

14) 70 ___ ___ ___ 50 45 40 ___ ___ ___

15) ___ ___ ___ ___ 80 85 ___ ___ ___

16) ___ ___ ___ ___ 80 75 ___ ___ ___ ___

NUMBER & PLACE VALUE

1) What is five more than 55? _____

2) What is five more than 95? _____

3) What is five fewer than 85? _____

4) What is five fewer than 35? _____

5) What is five more than 25? _____

6) What is five more than 10? _____

7) What is five more than 45? _____

8) What is five fewer than 50? _____

9) What is five more than 35? _____

10) What is five fewer than 55? _____

11) What is five more than 80? _____

12) What is five fewer than 75? _____

13) What is five more than 90? _____

14) What is five more than 15? _____

15) What is five fewer than 15? _____

16) What is five more than 5? _____

17) What is five fewer than 10? _____

18) What is five more than 75? _____

19) What is five more than 85? _____

20) What is five fewer than 25? _____

FIVE MORE OR FIVE FEWER

21) What is five fewer than 60? _____

22) What is five fewer than 95? _____

23) What is five fewer than 90? _____

24) What is five fewer than 70? _____

25) What is five more than 50? _____

26) What is five more than 70? _____

27) What is five more than 30? _____

28) What is five fewer than 20? _____

29) What is five more than 20? _____

30) What is five fewer than 45? _____

31) What is five more than 40? _____

32) What is five fewer than 100? _____

33) What is five fewer than 65? _____

34) What is five more than 60? _____

35) What is five fewer than 30? _____

36) What is five fewer than 40? _____

37) What is five fewer than 60? _____

38) What is five more than 65? _____

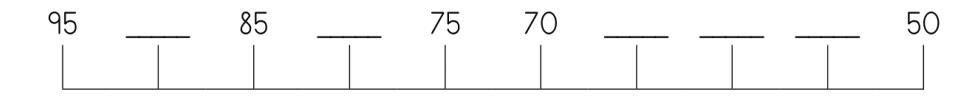
39) What is five fewer than 80? _____

40) What is five more than 0? _____

NUMBER & PLACE VALUE *NUMBER LINES IN 5s*

Fill in the gaps on the number line

1)



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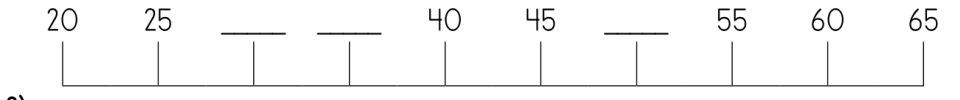

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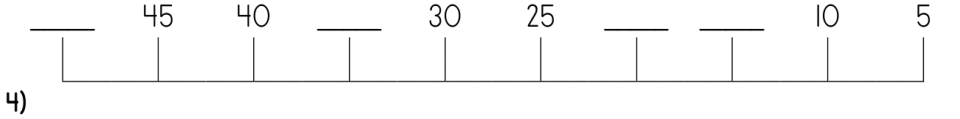

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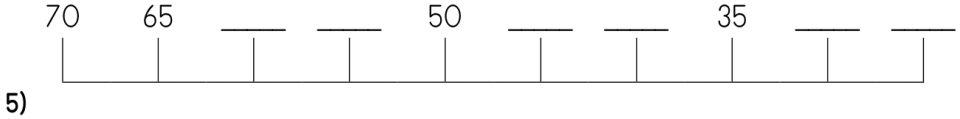

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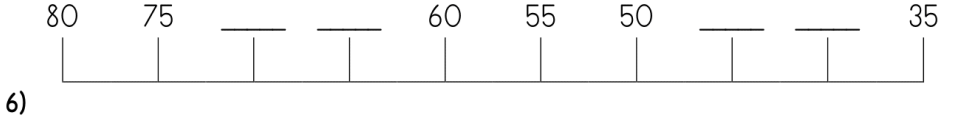

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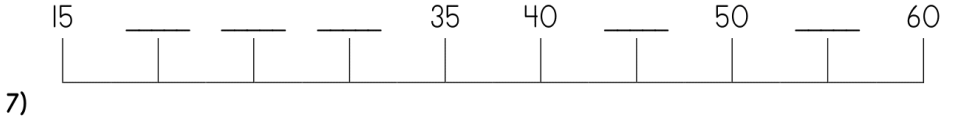

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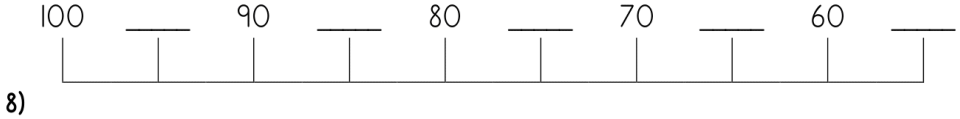

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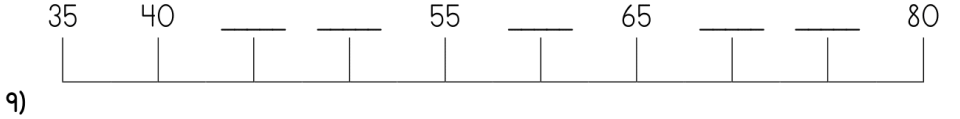

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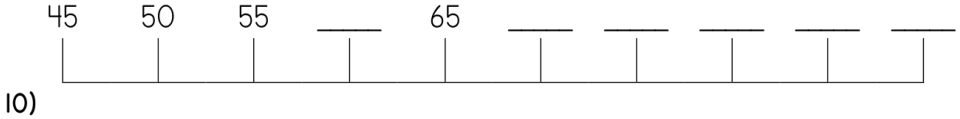

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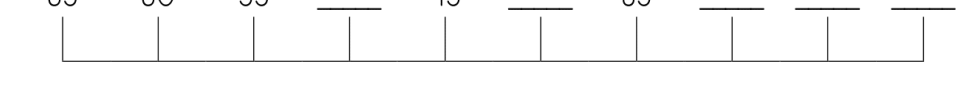

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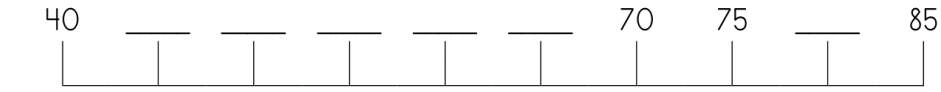

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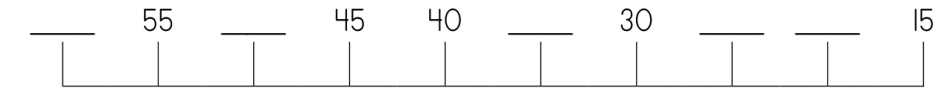

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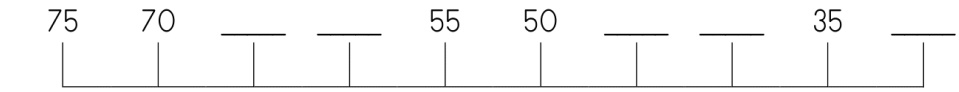

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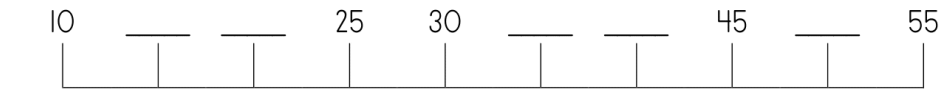

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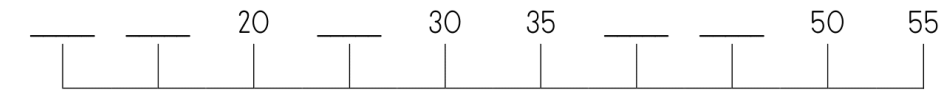

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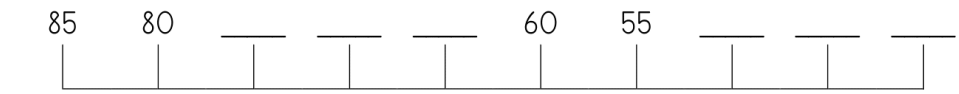

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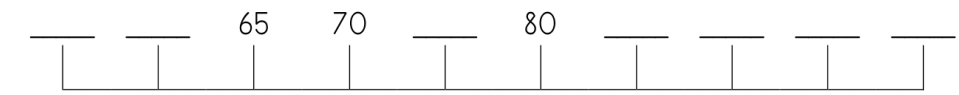

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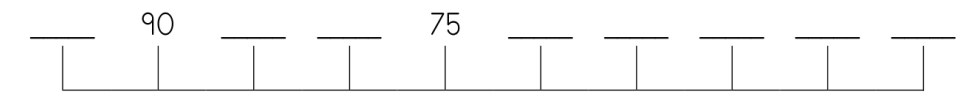

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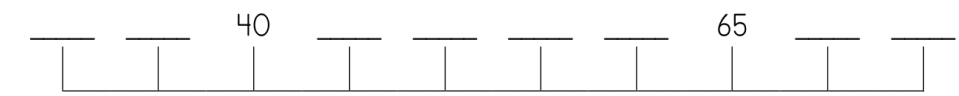

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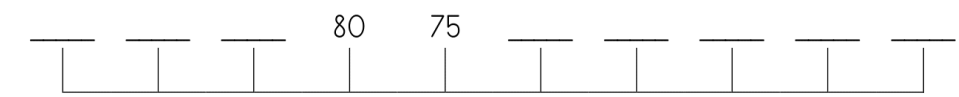


NUMBER & PLACE VALUE *COUNTING IN 10s*

Fill in the gaps

1) 10 20 ___ 40 50 ___ 70 80 ___ ___

2) 30 40 ___ ___ ___ ___ 90 100

3) 70 ___ ___ 100

4) ___ ___ ___ 60 70 80 ___ ___

5) 40 50 60 ___ ___ ___ ___

6) 70 80 ___ ___

7) ___ ___ ___ 50 60 ___ 80 90 ___

8) ___ ___ 40 50 ___ ___ ___

9) 50 ___ ___ ___ 90 100

10) 30 ___ ___ ___ 70 ___ ___ 100

11) 60 70 ___ ___ 100

12) ___ ___ ___ ___ ___ 60 70 ___ ___ ___

13) ___ ___ ___ ___ 50 60 ___ ___ ___

14) 30 40 ___ ___ ___ 80 90 ___

15) ___ ___ 30 ___ 50 ___ ___ ___ ___ ___

16) ___ 50 60 ___ ___ ___ ___

17) ___ ___ ___ ___ ___ 70 ___ ___ 100

NUMBER & PLACE VALUE *COUNTING BACKWARDS IN 10s*

Fill in the gaps

1) 70 ___ ___ ___ 30 20 ___

2) ___ ___ ___ 40 30 ___ ___

3) 80 ___ 60 ___ 40 ___ ___ ___

4) ___ ___ 50 40 30 ___ ___

5) 60 ___ 40 30 ___ 10

6) 100 90 80 ___ ___ ___ ___ ___ ___ ___

7) 50 40 ___ ___ ___

8) ___ 90 ___ 70 ___ 50 ___ 30 ___ ___

9) 50 ___ ___ ___ 10

10) ___ 50 ___ 30 ___ 10

11) ___ ___ ___ 50 ___ ___ 20 ___

12) 80 ___ ___ ___ ___ ___ ___ 10

13) 90 80 70 ___ ___ ___ 30 20 ___

14) 50 40 ___ ___ ___

15) 40 ___ ___ 10

16) ___ ___ ___ ___ 30 20 ___

17) ___ ___ ___ 60 ___ ___ ___ ___ 10

NUMBER & PLACE VALUE

COUNTING FORWARDS AND BACKWARDS IN 10s

Fill in the gaps

1) ___ 40 30 ___ 10

2) 40 ___ 60 ___ 80 ___ ___

3) ___ 90 ___ ___ ___ 50 40 ___ 20

4) 50 60 ___ ___ ___ 100

5) 40 ___ ___ 70 80 ___ ___

6) 40 50 ___ ___ ___ 90 ___

7) ___ ___ ___ 70 ___ 90 ___

8) 90 80 ___ ___ ___ ___ ___ 20 ___

9) 20 30 ___ ___ ___ 70 80 ___ ___

10) ___ ___ ___ 40 ___ 60 ___ 80

11) 90 ___ 70 ___ 50 ___ 30 ___ 10

12) 30 ___ ___ ___ 70 ___ ___ ___

13) 70 ___ ___ ___ 30 ___ ___

14) 10 20 ___ ___ ___ 60 70 ___ ___ ___

15) ___ ___ ___ 30 ___ 10

16) ___ ___ 80 ___ 100

1) What is ten fewer than 80? _____

2) What is ten fewer than 40? _____

3) What is ten more than 20? _____

4) What is ten fewer than 70? _____

5) What is ten more than 10? _____

6) What is ten more than 70? _____

7) What is ten fewer than 30? _____

8) What is ten more than 40? _____

9) What is ten fewer than 50? _____

10) What is ten more than 30? _____

11) What is ten more than 50? _____

12) What is ten fewer than 60? _____

13) What is ten fewer than 100? _____

14) What is ten fewer than 90? _____

15) What is ten more than 90? _____

16) What is ten more than 60? _____

17) What is ten fewer than 20? _____

18) What is ten fewer than 10? _____

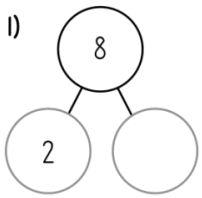
19) What is ten more than 80? _____

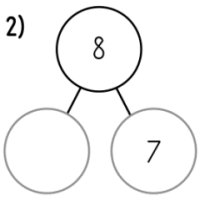
20) What is ten more than 0? _____

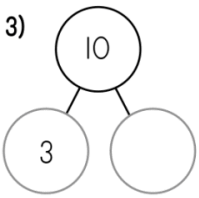
YEAR ONE

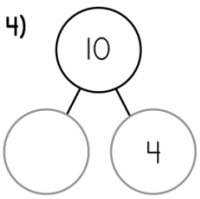
ADDITION & SUBTRACTION

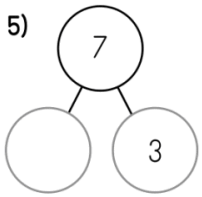
Fill in the empty circles

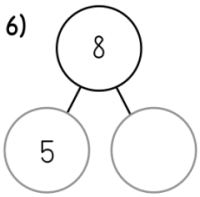
1) 

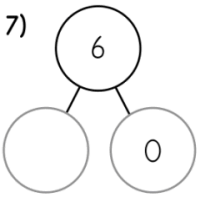
2) 

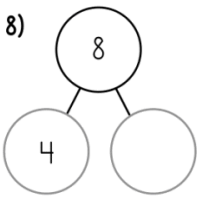
3) 

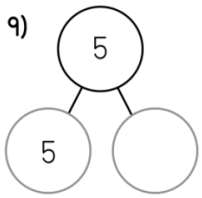
4) 

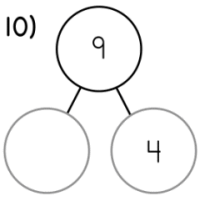
5) 

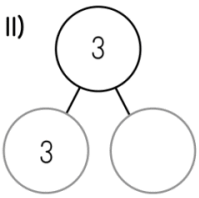
6) 

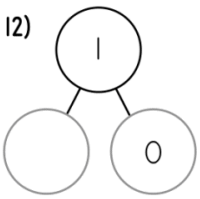
7) 

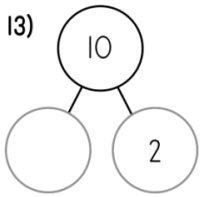
8) 

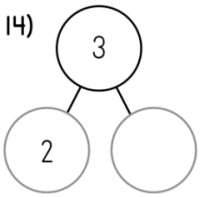
9) 

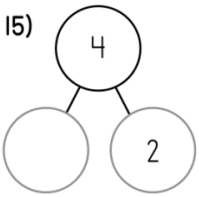
10) 

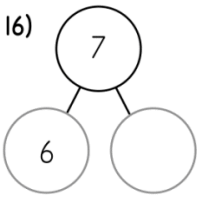
11) 

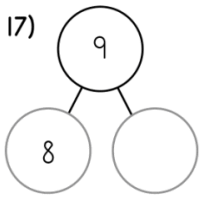
12) 

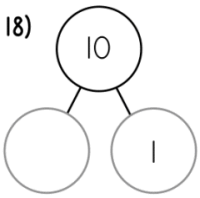
13) 

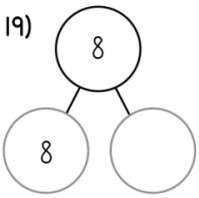
14) 

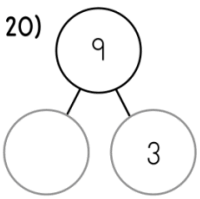
15) 

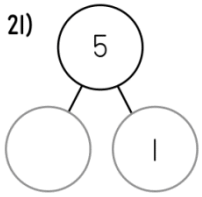
16) 

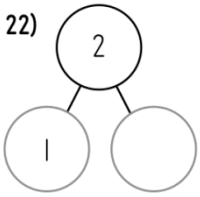
17) 

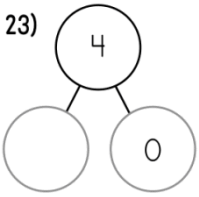
18) 

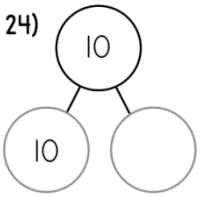
19) 

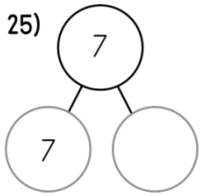
20) 

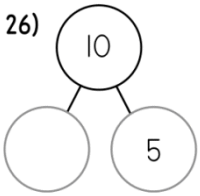
21) 

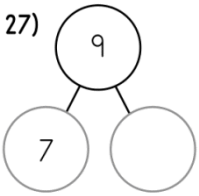
22) 

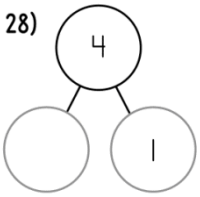
23) 

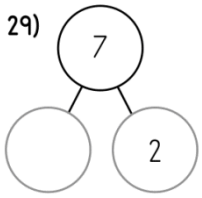
24) 

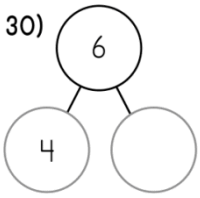
25) 

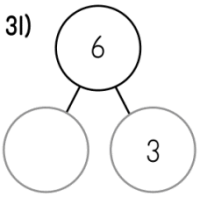
26) 

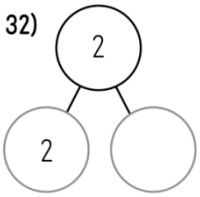
27) 

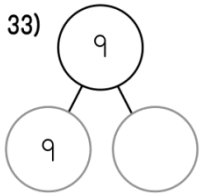
28) 

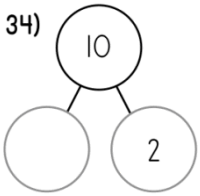
29) 

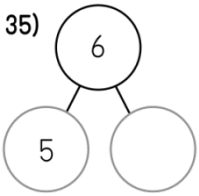
30) 

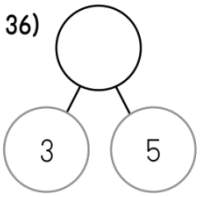
31) 

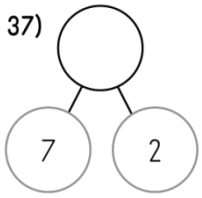
32) 

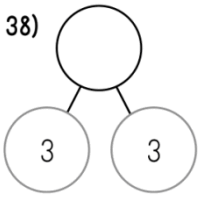
33) 

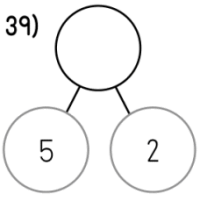
34) 

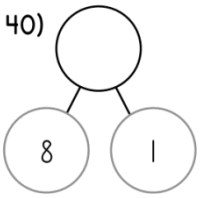
35) 

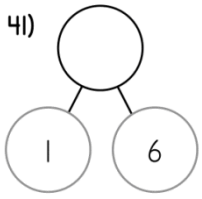
36) 

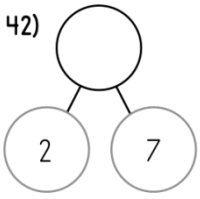
37) 

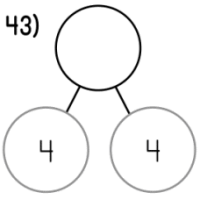
38) 

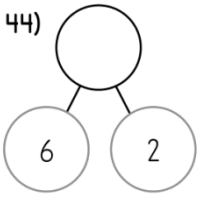
39) 

40) 

41) 

42) 

43) 

44) 

Fill in the gaps

1) 1 + 1 = _____ **2)** 5 + 3 = _____ **3)** 4 + 4 = _____

4) 9 + 0 = _____ **5)** 7 + 2 = _____ **6)** 5 + 0 = _____

7) 10 + 0 = _____ **8)** 8 + 1 = _____ **9)** 7 + 1 = _____

10) 1 + 0 = _____ **11)** 3 + 0 = _____ **12)** 5 + 1 = _____

13) 5 + 4 = _____ **14)** 9 + 1 = _____ **15)** 3 + 3 = _____

16) 6 + 4 = _____ **17)** 4 + 3 = _____ **18)** 4 + 2 = _____

19) 3 + 1 = _____ **20)** 1 + 2 = _____ **21)** 6 + 0 = _____

22) 7 + 3 = _____ **23)** 4 + 0 = _____ **24)** 4 + 1 = _____

25) 2 + 2 = _____ **26)** 6 + 3 = _____ **27)** 7 + 0 = _____

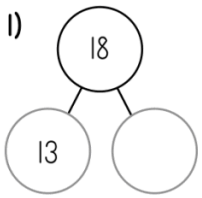
28) 5 + 2 = _____ **29)** 6 + 2 = _____ **30)** 5 + 5 = _____

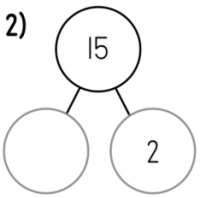
31) 6 + 1 = _____ **32)** 8 + 0 = _____ **33)** 8 + 2 = _____

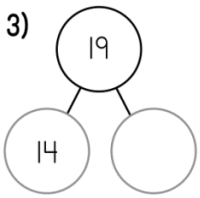
34) 2 + 2 = _____ **35)** 5 + 5 = _____ **36)** 1 + 1 = _____

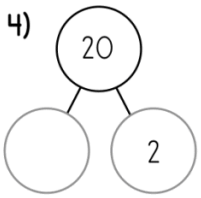
37) 3 + 3 = _____ **38)** 4 + 4 = _____ **39)** 6 + 1 = _____

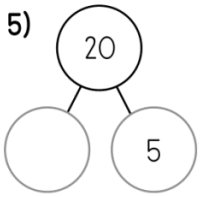
Fill in the empty circles

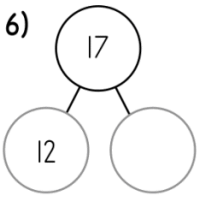
1) 

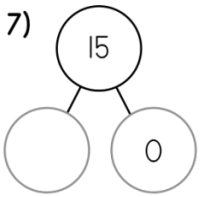
2) 

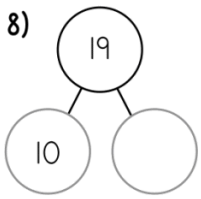
3) 

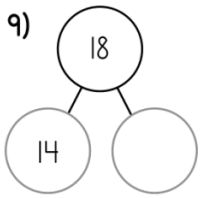
4) 

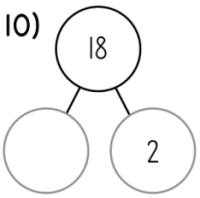
5) 

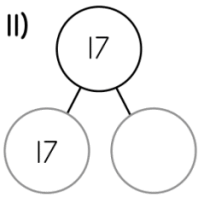
6) 

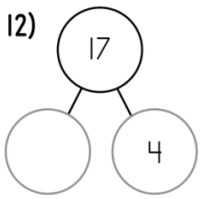
7) 

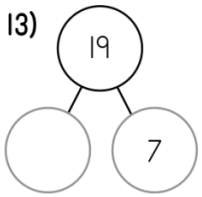
8) 

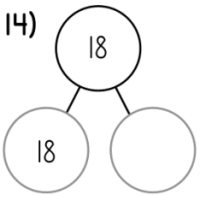
9) 

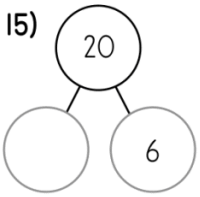
10) 

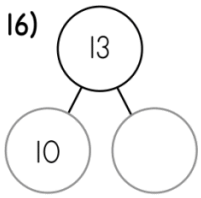
11) 

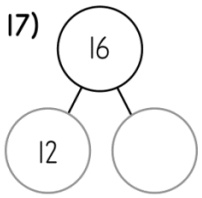
12) 

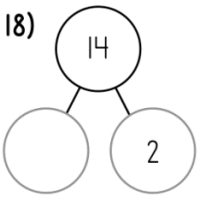
13) 

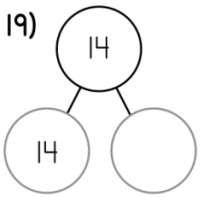
14) 

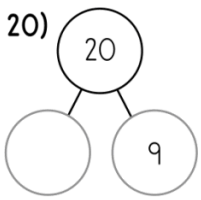
15) 

16) 

17) 

18) 

19) 

20) 

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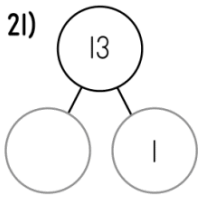

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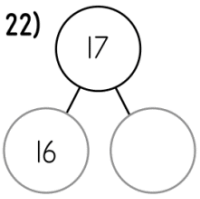

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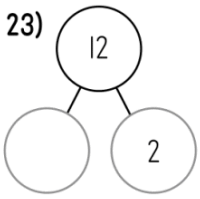

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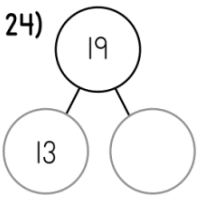

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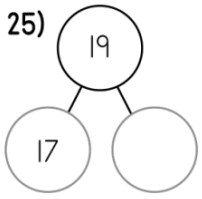

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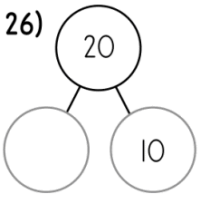

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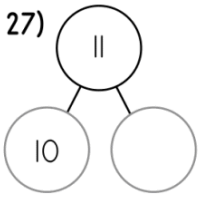

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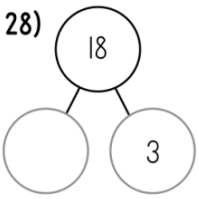

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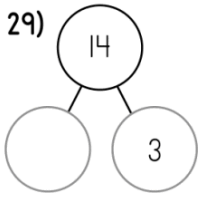

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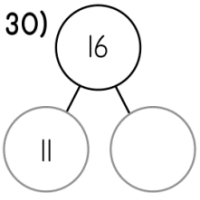

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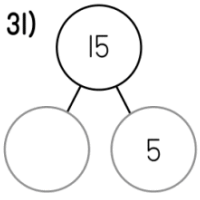

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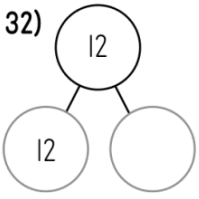

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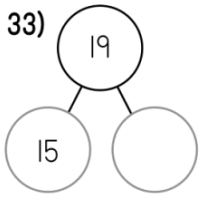

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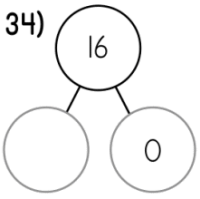

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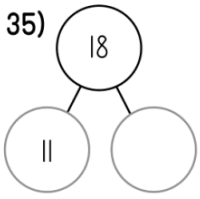

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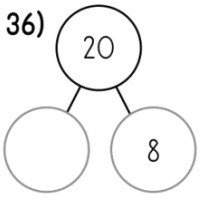

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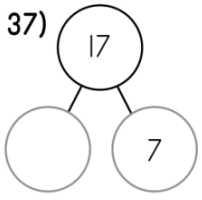

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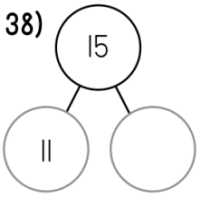

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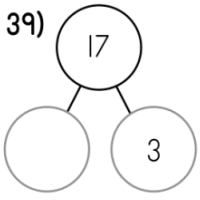

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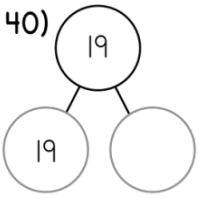

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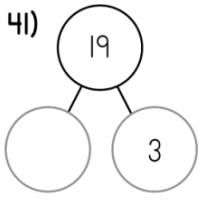

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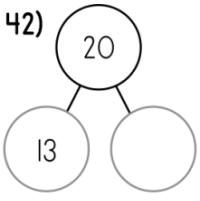

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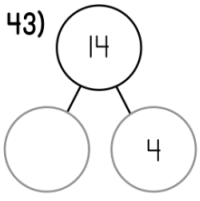

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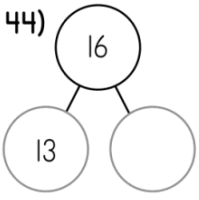
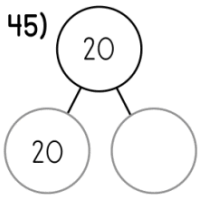
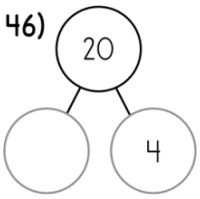
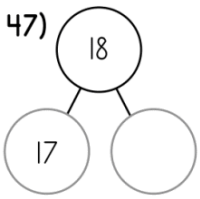
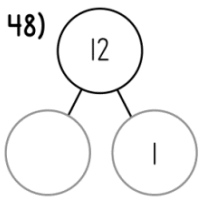
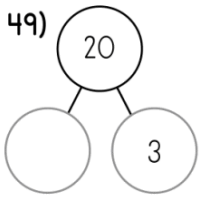


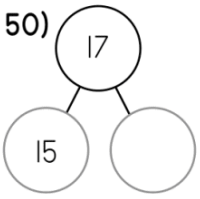
45) 

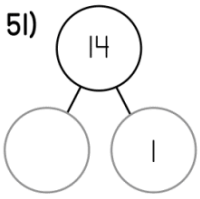
46) 

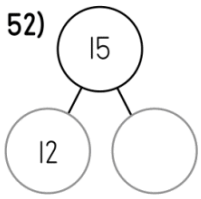
47) 

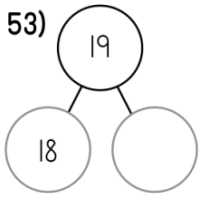
48) 

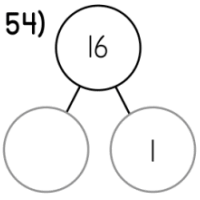
49) 

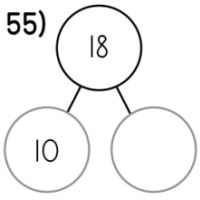
50) 

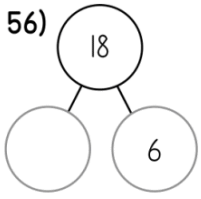
51) 

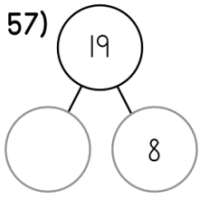
52) 

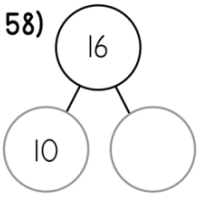
53) 

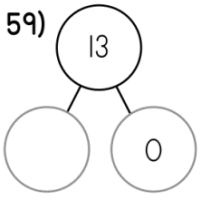
54) 

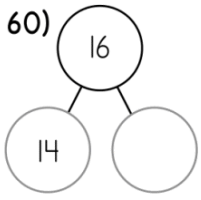
55) 

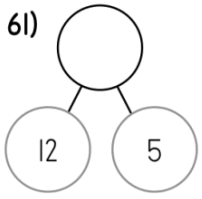
56) 

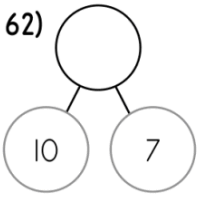
57) 

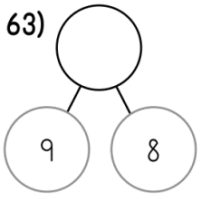
58) 

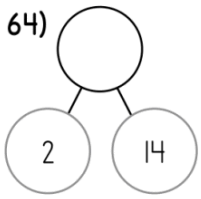
59) 

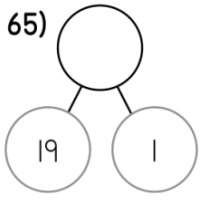
60) 

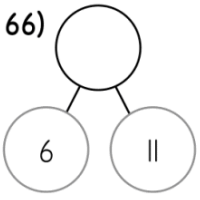
61) 

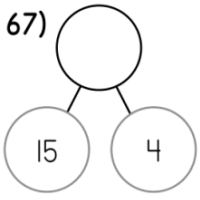
62) 

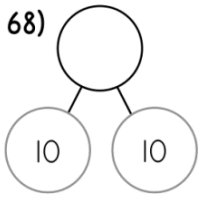
63) 

64) 

65) 

66) 

67) 

68) 

ADDITION & SUBTRACTION *ADDING: 1 TO 20*

Fill in the gaps

1) 4 + 3 = _____ **2)** 16 + 0 = _____ **3)** 17 + 1 = _____

4) 6 + 2 = _____ **5)** 4 + 4 = _____ **6)** 15 + 5 = _____

7) 14 + 2 = _____ **8)** 13 + 0 = _____ **9)** 13 + 5 = _____

10) 8 + 2 = _____ **11)** 10 + 3 = _____ **12)** 12 + 4 = _____

13) 10 + 8 = _____ **14)** 12 + 7 = _____ **15)** 3 + 0 = _____

16) 1 + 2 = _____ **17)** 3 + 2 = _____ **18)** 6 + 1 = _____

19) 11 + 7 = _____ **20)** 2 + 0 = _____ **21)** 10 + 5 = _____

22) 17 + 3 = _____ **23)** 4 + 0 = _____ **24)** 7 + 0 = _____

25) 5 + 3 = _____ **26)** 6 + 4 = _____ **27)** 1 + 1 = _____

28) 12 + 5 = _____ **29)** 10 + 2 = _____ **30)** 11 + 1 = _____

31) 15 + 4 = _____ **32)** 10 + 7 = _____ **33)** 9 + 0 = _____

34) 10 + 6 = _____ **35)** 15 + 0 = _____ **36)** 13 + 4 = _____

37) 5 + 2 = _____ **38)** 11 + 8 = _____ **39)** 16 + 4 = _____

40) 8 + 0 = _____

41) 7 + 3 = _____

42) 17 + 2 = _____

43) 16 + 3 = _____

44) 12 + 3 = _____

45) 13 + 7 = _____

46) 12 + 6 = _____

47) 7 + 2 = _____

48) 12 + 0 = _____

49) 6 + 0 = _____

50) 9 + 1 = _____

51) 18 + 1 = _____

52) 14 + 4 = _____

53) 7 + 1 = _____

54) 3 + 3 = _____

55) 15 + 3 = _____

56) 4 + 2 = _____

57) 14 + 5 = _____

58) 17 + 0 = _____

59) 13 + 1 = _____

60) 16 + 1 = _____

61) 11 + 4 = _____

62) 5 + 4 = _____

63) 10 + 10 = _____

64) 19 + 0 = _____

65) 2 + 2 = _____

66) 11 + 9 = _____

67) 12 + 1 = _____

68) 10 + 4 = _____

69) 14 + 3 = _____

70) 11 + 5 = _____

71) 13 + 3 = _____

72) 11 + 3 = _____

73) 8 + 1 = _____

74) 20 + 0 = _____

75) 14 + 0 = _____

76) 13 + 6 = _____

77) 4 + 1 = _____

78) 13 + 2 = _____

79) 18 + 2 = _____

80) 15 + 1 = _____

81) 10 + 0 = _____

82) 16 + 2 = _____ **83)** 15 + 2 = _____ **84)** 18 + 0 = _____

85) 10 + 9 = _____ **86)** 12 + 2 = _____ **87)** 1 + 0 = _____

88) 12 + 8 = _____ **89)** 14 + 6 = _____ **90)** 5 + 1 = _____

91) 10 + 1 = _____ **92)** 6 + 3 = _____ **93)** 5 + 0 = _____

94) 5 + 5 = _____ **95)** 3 + 1 = _____ **96)** 2 + 14 = _____

97) 4 + 16 = _____ **98)** 7 + 10 = _____ **99)** 1 + 15 = _____

100) 3 + 11 = _____ **101)** 5 + 10 = _____ **102)** 8 + 11 = _____

103) 4 + 12 = _____ **104)** 2 + 17 = _____ **105)** 4 + 9 = _____

106) 1 + 16 = _____ **107)** 15 + 2 = _____ **108)** 8 + 8 = _____

109) 7 + 7 = _____ **110)** 12 + 7 = _____ **111)** 3 + 3 = _____

112) 10 + 10 = _____ **113)** 7 + 11 = _____ **114)** 12 + 4 = _____

115) 5 + 6 = _____ **116)** 6 + 6 = _____ **117)** 5 + 5 = _____

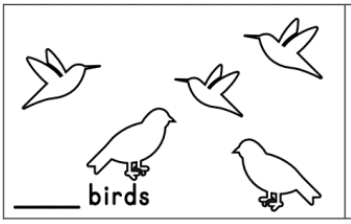
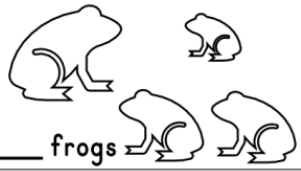
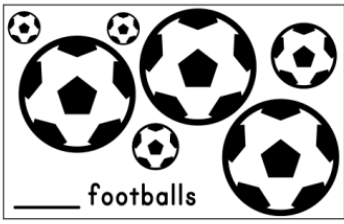
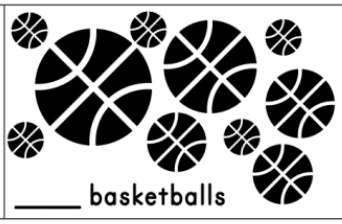
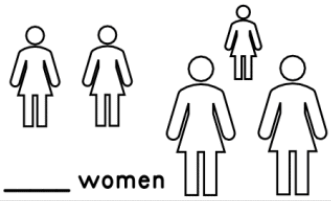
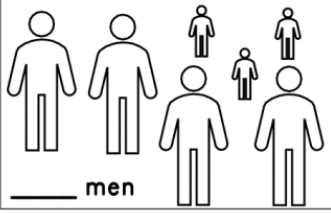
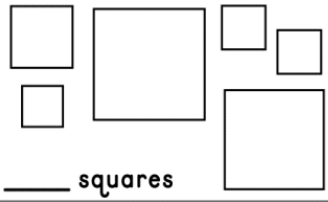
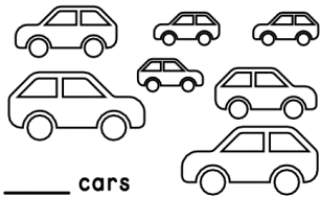
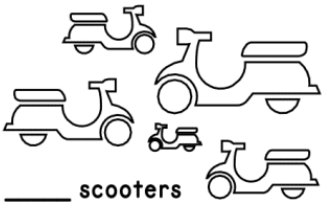
118) 9 + 9 = _____ **119)** 1 + 1 = _____ **120)** 2 + 2 = _____

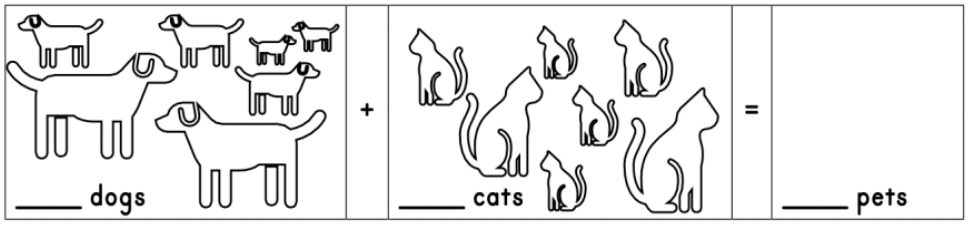
121) 4 + 4 = _____ **122)** 8 + 9 = _____ **123)** 2 + 10 = _____

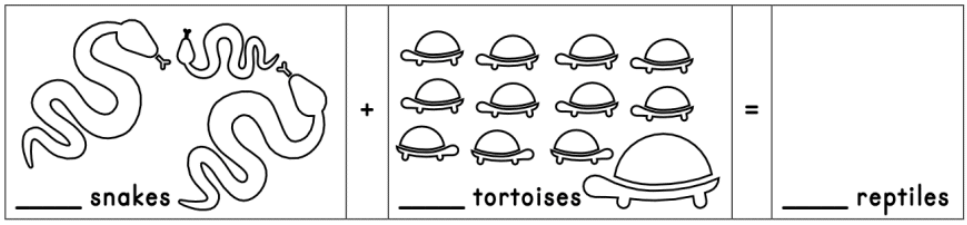
Fill in the number grid

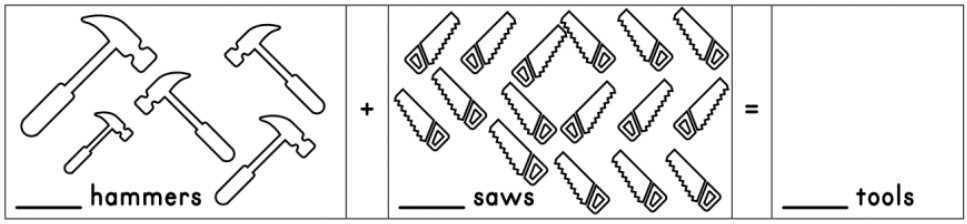
+	1	2	3	4	5	6	7	8	9	10
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										

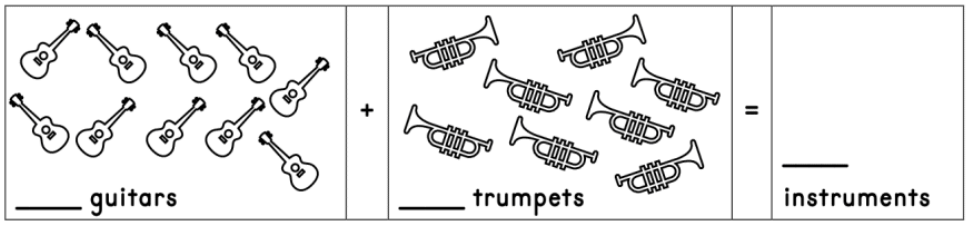
Add the objects

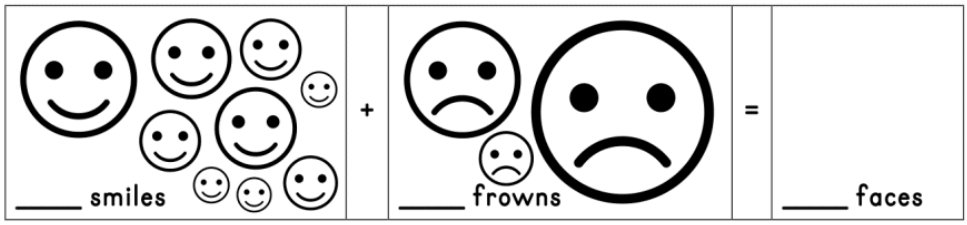
 ____ birds	+	 ____ frogs	=	____ animals
 ____ footballs	+	 ____ basketballs	=	____ balls
 ____ women	+	 ____ men	=	____ people
 ____ squares	+	____ triangles	=	____ shapes
 ____ cars	+	 ____ scooters	=	____ vehicles


____ dogs
+
____ cats
=
____ pets


____ snakes
+
____ tortoises
=
____ reptiles


____ hammers
+
____ saws
=
____ tools


____ guitars
+
____ trumpets
=
____
instruments


____ smiles
+
____ frowns
=
____ faces

ADDITION & SUBTRACTION *SUBRACTING: 1 TO 10*

Fill in the gaps

1) 8 – 2 = _____ **2)** 9 – 9 = _____ **3)** 4 – 4 = _____

4) 5 – 5 = _____ **5)** 2 – 0 = _____ **6)** 8 – 4 = _____

7) 6 – 0 = _____ **8)** 9 – 0 = _____ **9)** 10 – 9 = _____

10) 9 – 2 = _____ **11)** 10 – 7 = _____ **12)** 6 – 4 = _____

13) 4 – 0 = _____ **14)** 1 – 1 = _____ **15)** 3 – 1 = _____

16) 6 – 5 = _____ **17)** 6 – 1 = _____ **18)** 7 – 6 = _____

19) 3 – 2 = _____ **20)** 8 – 1 = _____ **21)** 7 – 4 = _____

22) 4 – 3 = _____ **23)** 9 – 5 = _____ **24)** 1 – 0 = _____

25) 10 – 4 = _____ **26)** 8 – 3 = _____ **27)** 3 – 0 = _____

28) 6 – 6 = _____ **29)** 8 – 0 = _____ **30)** 5 – 1 = _____

31) 5 – 4 = _____ **32)** 10 – 2 = _____ **33)** 9 – 3 = _____

34) 7 – 5 = _____ **35)** 6 – 3 = _____ **36)** 8 – 8 = _____

37) 7 – 0 = _____ **38)** 9 – 8 = _____ **39)** 5 – 2 = _____

40) 5 − 0 = _____

41) 7 − 3 = _____

42) 8 − 7 = _____

43) 5 − 3 = _____

44) 8 − 6 = _____

45) 8 − 5 = _____

46) 4 − 2 = _____

47) 9 − 1 = _____

48) 3 − 3 = _____

49) 7 − 1 = _____

50) 2 − 1 = _____

51) 7 − 7 = _____

52) 10 − 10 = _____

53) 10 − 3 = _____

54) 7 − 2 = _____

55) 2 − 2 = _____

56) 10 − 1 = _____

57) 9 − 7 = _____

58) 10 − 8 = _____

59) 4 − 1 = _____

60) 9 − 6 = _____

61) 6 − 2 = _____

62) 10 − 6 = _____

63) 10 − 0 = _____

64) 9 − 4 = _____

65) 10 − 5 = _____

Fill in the gaps

1) 20 – 4 = _____	**2)** 20 – 16 = _____	**3)** 17 – 3 = _____
4) 12 – 11 = _____	**5)** 14 – 8 = _____	**6)** 19 – 12 = _____
7) 13 – 13 = _____	**8)** 11 – 10 = _____	**9)** 15 – 5 = _____
10) 20 – 0 = _____	**11)** 18 – 9 = _____	**12)** 11 – 1 = _____
13) 16 – 15 = _____	**14)** 20 – 20 = _____	**15)** 11 – 8 = _____
16) 17 – 8 = _____	**17)** 11 – 4 = _____	**18)** 17 – 7 = _____
19) 18 – 17 = _____	**20)** 17 – 0 = _____	**21)** 13 – 5 = _____
22) 16 – 8 = _____	**23)** 15 – 13 = _____	**24)** 20 – 19 = _____
25) 18 – 5 = _____	**26)** 12 – 7 = _____	**27)** 15 – 4 = _____
28) 19 – 15 = _____	**29)** 11 – 5 = _____	**30)** 18 – 8 = _____
31) 12 – 2 = _____	**32)** 12 – 6 = _____	**33)** 13 – 1 = _____
34) 19 – 5 = _____	**35)** 15 – 15 = _____	**36)** 19 – 6 = _____
37) 20 – 7 = _____	**38)** 20 – 5 = _____	**39)** 13 – 10 = _____
40) 16 – 6 = _____	**41)** 16 – 0 = _____	**42)** 14 – 10 = _____

43) 17 − 15 = _____ **44)** 20 − 1 = _____ **45)** 17 − 1 = _____

46) 19 − 16 = _____ **47)** 12 − 4 = _____ **48)** 15 − 6 = _____

49) 19 − 3 = _____ **50)** 19 − 18 = _____ **51)** 18 − 7 = _____

52) 15 − 14 = _____ **53)** 14 − 7 = _____ **54)** 19 − 10 = _____

55) 16 − 1 = _____ **56)** 17 − 9 = _____ **57)** 18 − 6 = _____

58) 14 − 1 = _____ **59)** 18 − 16 = _____ **60)** 20 − 13 = _____

61) 14 − 5 = _____ **62)** 15 − 1 = _____ **63)** 20 − 17 = _____

64) 11 − 7 = _____ **65)** 12 − 5 = _____ **66)** 11 − 2 = _____

67) 15 − 9 = _____ **68)** 17 − 5 = _____ **69)** 19 − 9 = _____

70) 11 − 9 = _____ **71)** 16 − 10 = _____ **72)** 12 − 3 = _____

73) 13 − 0 = _____ **74)** 18 − 14 = _____ **75)** 11 − 11 = _____

76) 17 − 10 = _____ **77)** 14 − 11 = _____ **78)** 16 − 13 = _____

79) 13 − 9 = _____ **80)** 19 − 1 = _____ **81)** 18 − 15 = _____

82) 20 − 14 = _____ **83)** 17 − 2 = _____ **84)** 20 − 8 = _____

85) 13 − 8 = _____ **86)** 15 − 3 = _____ **87)** 16 − 3 = _____

88) 15 − 7 = _____ **89)** 18 − 11 = _____ **90)** 11 − 6 = _____

91) 16 − 16 = _____ **92)** 19 − 17 = _____ **93)** 13 − 3 = _____

94) 17 − 4 = _____ **95)** 18 − 13 = _____ **96)** 18 − 18 = _____

97) 18 − 2 = _____ **98)** 13 − 2 = _____ **99)** 11 − 0 = _____

100) 20 − 11 = _____ **101)** 18 − 3 = _____ **102)** 20 − 18 = _____

103) 15 − 12 = _____ **104)** 12 − 10 = _____ **105)** 14 − 0 = _____

106) 14 − 6 = _____ **107)** 16 − 14 = _____ **108)** 14 − 13 = _____

109) 15 − 11 = _____ **110)** 20 − 2 = _____ **111)** 15 − 8 = _____

112) 12 − 9 = _____ **113)** 16 − 9 = _____ **114)** 19 − 8 = _____

115) 18 − 10 = _____ **116)** 18 − 12 = _____ **117)** 19 − 11 = _____

118) 14 − 9 = _____ **119)** 16 − 12 = _____ **120)** 20 − 12 = _____

121) 16 − 7 = _____ **122)** 18 − 0 = _____ **123)** 13 − 6 = _____

124) 20 − 15 = _____ **125)** 17 − 11 = _____ **126)** 16 − 2 = _____

127) 13 − 7 = _____ **128)** 19 − 0 = _____ **129)** 13 − 4 = _____

130) 20 − 6 = _____ **131)** 15 − 0 = _____ **132)** 16 − 11 = _____

133) 12 − 1 = _____ **134)** 16 − 4 = _____ **135)** 17 − 16 = _____

136) 18 − 1 = _____ **137)** 12 − 0 = _____ **138)** 16 − 5 = _____

139) 14 − 3 = _____ **140)** 14 − 14 = _____ **141)** 15 − 2 = _____

142) 14 − 2 = _____ **143)** 15 − 10 = _____ **144)** 17 − 12 = _____

145) 19 − 2 = _____ **146)** 17 − 13 = _____ **147)** 14 − 4 = _____

148) 17 − 17 = _____ **149)** 14 − 12 = _____ **150)** 17 − 6 = _____

151) 19 − 7 = _____ **152)** 13 − 12 = _____ **153)** 20 − 9 = _____

154) 20 − 10 = _____ **155)** 18 − 4 = _____ **156)** 17 − 14 = _____

157) 13 − 11 = _____ **158)** 12 − 8 = _____ **159)** 11 − 3 = _____

160) 19 − 4 = _____ **161)** 12 − 12 = _____ **162)** 20 − 3 = _____

163) 19 − 14 = _____ **164)** 19 − 13 = _____ **165)** 19 − 19 = _____

ADDITION & SUBTRACTION *ADDING AND SUBTRACTING: 1 TO 20*

Fill in the gaps

1) 13 + _____ = 17 **2)** 2 + 0 = _____ **3)** _____ − 6 = 7

4) 15 + _____ = 15 **5)** _____ + 5 = 14 **6)** _____ + 1 = 16

7) _____ − 13 = 10 **8)** 14 − _____ = 1 **9)** 14 + 1 = _____

10) 7 − _____ = 7 **11)** _____ + 5 = 19 **12)** 10 − _____ = 3

13) 10 − 2 = _____ **14)** _____ − 17 = 0 **15)** 2 − _____ = 1

16) 8 + 1 = _____ **17)** 17 + 0 = _____ **18)** _____ + 0 = 12

19) 18 − _____ = 17 **20)** 10 + 5 = _____ **21)** 6 + _____ = 6

22) _____ − 5 = 10 **23)** 3 + 9 = _____ **24)** 8 + 9 = _____

25) 19 − 11 = _____ **26)** 14 + 3 = _____ **27)** 13 − _____ = 2

28) 8 + _____ = 19 **29)** 3 + 16 = _____ **30)** 8 + _____ = 16

31) _____ + 7 = 13 **32)** 2 + _____ = 13 **33)** 20 − 18 = _____

34) 6 − _____ = 2 **35)** _____ + 3 = 14 **36)** 5 + _____ = 12

37) 5 − 2 = _____ **38)** _____ − 0 = 5 **39)** 19 − _____ = 13

40) 0 + 3 = _____ **41)** 2 + 17 = _____ **42)** _____ − 2 = 12

43) 13 − _____ = 8 **44)** 3 − 1 = _____ **45)** 8 − _____ = 6

46) _____ − 1 = 14 **47)** 4 + 1 = _____ **48)** 5 − 4 = _____

49) 16 + 0 = _____ **50)** 18 − 9 = _____ **51)** 5 + _____ = 13

52) 3 + 17 = _____ **53)** 12 − 1 = _____ **54)** _____ + 11 = 20

55) 6 − _____ = 6 **56)** 8 − 0 = _____ **57)** 3 + _____ = 8

58) _____ − 3 = 4 **59)** 12 + 5 = _____ **60)** 11 − 5 = _____

61) 20 − 17 = _____ **62)** 18 − 6 = _____ **63)** 6 + _____ = 20

64) 1 + _____ = 12 **65)** 19 + 1 = _____ **66)** 10 − _____ = 4

67) _____ − 5 = 15 **68)** 1 + _____ = 7 **69)** 8 + 7 = _____

70) 11 − _____ = 10 **71)** _____ − 4 = 14 **72)** _____ + 6 = 16

73) _____ − 12 = 1

74) 0 + _____ = 11

75) 4 + 4 = _____

76) 20 − _____ = 5

77) _____ − 7 = 1

78) 1 + _____ = 8

79) 16 − 14 = _____

80) _____ − 4 = 14

81) 20 − _____ = 7

82) 2 + 16 = _____

83) 11 − 8 = _____

84) _____ − 9 = 1

85) 20 − _____ = 20

86) 10 + 6 = _____

87) 17 − _____ = 12

88) 13 − 3 = _____

89) 5 − 0 = _____

90) _____ + 4 = 6

91) 6 + _____ = 8

92) 16 − 7 = _____

93) 9 − _____ = 4

94) _____ + 10 = 18

95) 12 + 1 = _____

96) 9 − 6 = _____

97) 20 − 9 = _____

98) 7 − 1 = _____

99) 10 − _____ = 3

100) 2 + 2 = _____

101) 15 − 3 = _____

102) _____ − 8 = 4

103) 19 + _____ = 19

104) 10 − 0 = _____

105) 8 + _____ = 17

YEAR ONE

MULTIPLICATION & DIVISION

Answers these questions

1) 8 × 2 = _____	**2)** 7 × 2 = _____	**3)** 1 × 7 = _____
4) 1 × 8 = _____	**5)** 2 × 5 = _____	**6)** 2 × 6 = _____
7) 1 × 3 = _____	**8)** 2 × 1 = _____	**9)** 5 × 1 = _____
10) 6 × 1 = _____	**11)** 1 × 5 = _____	**12)** 2 × 4 = _____
13) 1 × 2 = _____	**14)** 11 × 1 = _____	**15)** 1 × 12 = _____
16) 6 × 2 = _____	**17)** 2 × 2 = _____	**18)** 1 × 4 = _____
19) 0 × 1 = _____	**20)** 3 × 2 = _____	**21)** 10 × 2 = _____
22) 2 × 10 = _____	**23)** 1 × 9 = _____	**24)** 1 × 1 = _____
25) 9 × 1 = _____	**26)** 9 × 2 = _____	**27)** 2 × 8 = _____
28) 5 × 2 = _____	**29)** 4 × 1 = _____	**30)** 8 × 1 = _____
31) 1 × 10 = _____	**32)** 3 × 1 = _____	**33)** 2 × 3 = _____
34) 11 × 2 = _____	**35)** 1 × 11 = _____	**36)** 4 × 2 = _____
37) 2 × 11 = _____	**38)** 2 × 12 = _____	**39)** 7 × 1 = _____
40) 10 × 1 = _____	**41)** 12 × 1 = _____	**42)** 12 × 2 = _____
43) 2 × 9 = _____	**44)** 2 × 7 = _____	**45)** 1 × 6 = _____

Fill in the gaps

1) 2 × _____ = 8

2) _____ × 7 = 7

3) _____ × 5 = 5

4) 11 × _____ = 11

5) _____ × 2 = 18

6) _____ × 2 = 6

7) _____ × 7 = 14

8) 1 × _____ = 11

9) 1 × _____ = 6

10) 4 × _____ = 8

11) _____ × 1 = 2

12) _____ × 1 = 9

13) _____ × 10 = 10

14) 1 × _____ = 3

15) _____ × 1 = 10

16) _____ × 9 = 9

17) _____ × 12 = 12

18) 2 × _____ = 16

19) _____ × 3 = 6

20) 8 × _____ = 16

21) 6 × _____ = 6

22) _____ × 1 = 7

23) 12 × _____ = 24

24) 1 × _____ = 4

25) 2 × _____ = 10

26) _____ × 1 = 12

27) 3 × _____ = 3

28) _____ × 10 = 20

29) _____ × 11 = 22

30) _____ × 1 = 0

31) 5 × _____ = 10

32) 6 × _____ = 12

33) 10 × _____ = 20

34) 2 × _____ = 24

35) _____ × 8 = 8

36) _____ × 2 = 2

37) _____ × 1 = 5

38) 4 × _____ = 4

39) _____ × 2 = 4

40) _____ × 9 = 18

41) 1 × _____ = 1

42) 2 × _____ = 12

43) _____ × 1 = 8

44) _____ × 2 = 22

45) _____ × 2 = 14

Answers these questions

1) 5 × 4 = _____ **2)** 10 × 9 = _____ **3)** 10 × 4 = _____

4) 10 × 3 = _____ **5)** 5 × 2 = _____ **6)** 8 × 5 = _____

7) 7 × 10 = _____ **8)** 2 × 5 = _____ **9)** 10 × 2 = _____

10) 5 × 3 = _____ **11)** 4 × 10 = _____ **12)** 8 × 10 = _____

13) 3 × 10 = _____ **14)** 5 × 8 = _____ **15)** 5 × 11 = _____

16) 5 × 9 = _____ **17)** 10 × 5 = _____ **18)** 5 × 12 = _____

19) 9 × 10 = _____ **20)** 0 × 5 = _____ **21)** 10 × 0 = _____

22) 9 × 5 = _____ **23)** 2 × 10 = _____ **24)** 10 × 5 = _____

25) 5 × 1 = _____ **26)** 10 × 7 = _____ **27)** 5 × 5 = _____

28) 10 × 6 = _____ **29)** 12 × 10 = _____ **30)** 5 × 5 = _____

31) 6 × 5 = _____ **32)** 4 × 5 = _____ **33)** 11 × 5 = _____

34) 1 × 10 = _____ **35)** 5 × 6 = _____ **36)** 3 × 5 = _____

37) 5 × 0 = _____ **38)** 12 × 5 = _____ **39)** 5 × 7 = _____

40) 10 × 8 = _____ **41)** 10 × 10 = _____ **42)** 10 × 1 = _____

43) 5 × 10 = _____ **44)** 5 × 10 = _____ **45)** 10 × 11 = _____

46) 10 × 12 = _____ **47)** 10 × 10 = _____ **48)** 11 × 10 = _____

49) 0 × 10 = _____ **50)** 6 × 5 = _____ **51)** 7 × 5 = _____

Fill in the gaps

1) _____ × 10 = 100	**2)** 5 × _____ = 25	**3)** _____ × 3 = 15
4) 7 × _____ = 70	**5)** 5 × _____ = 0	**6)** _____ × 2 = 20
7) 10 × _____ = 40	**8)** 1 × _____ = 5	**9)** _____ × 5 = 20
10) 5 × _____ = 50	**11)** 11 × _____ = 110	**12)** 11 × _____ = 55
13) 9 × _____ = 45	**14)** _____ × 4 = 20	**15)** _____ × 3 = 30
16) 8 × _____ = 80	**17)** _____ × 10 = 40	**18)** _____ × 5 = 0
19) _____ × 10 = 50	**20)** _____ × 5 = 50	**21)** 10 × _____ = 120
22) 8 × _____ = 40	**23)** 6 × _____ = 60	**24)** 3 × _____ = 30
25) _____ × 5 = 15	**26)** _____ × 7 = 35	**27)** _____ × 8 = 40
28) _____ × 10 = 0	**29)** 5 × _____ = 5	**30)** 7 × _____ = 35
31) 1 × _____ = 10	**32)** 5 × _____ = 60	**33)** _____ × 11 = 110
34) 2 × _____ = 20	**35)** 10 × _____ = 80	**36)** 5 × _____ = 45
37) _____ × 1 = 10	**38)** 10 × _____ = 50	**39)** _____ × 7 = 70
40) 5 × _____ = 30	**41)** _____ × 6 = 60	**42)** 5 × _____ = 10
43) 6 × _____ = 30	**44)** 10 × _____ = 90	**45)** 10 × _____ = 0
46) 2 _____= 10	**47)** _____ × 5 = 25	**48)** _____ × 5 = 60
49) 5 × _____ = 55	**50)** _____ × 10 = 90	**51)** 12 × _____ = 120

Double the following numbers and write the answer in figures

1) four _____ **2)** five _____

3) nine _____ **4)** six _____

5) ten _____ **6)** two _____

7) eight _____ **8)** seven _____

9) three _____ **10)** twelve _____

11) eleven _____ **12)** one _____

Multiply the following numbers by ten write the answer in figures

13) ten _____ **14)** one _____

15) four _____ **16)** seven _____

17) two _____ **18)** eleven _____

19) six _____ **20)** five _____

21) three _____ **22)** twelve _____

23) nine _____ **24)** eight _____

Answers these questions

1) 1 × 3 = _____ **2)** 3 × 1 = _____ **3)** 5 × 7 = _____

4) 1 × 6 = _____ **5)** 7 × 1 = _____ **6)** 10 × 11 = _____

7) 1 × 7 = _____ **8)** 8 × 1 = _____ **9)** 1 × 9 = _____

10) 2 × 4 = _____ **11)** 7 × 5 = _____ **12)** 6 × 2 = _____

13) 12 × 1 = _____ **14)** 5 × 4 = _____ **15)** 10 × 12 = _____

16) 6 × 10 = _____ **17)** 10 × 9 = _____ **18)** 10 × 8 = _____

19) 11 × 2 = _____ **20)** 4 × 2 = _____ **21)** 11 × 5 = _____

22) 8 × 5 = _____ **23)** 1 × 5 = _____ **24)** 5 × 12 = _____

25) 2 × 7 = _____ **26)** 3 × 10 = _____ **27)** 1 × 2 = _____

28) 1 × 12 = _____ **29)** 5 × 3 = _____ **30)** 11 × 1 = _____

31) 1 × 4 = _____ **32)** 3 × 2 = _____ **33)** 0 × 1 = _____

34) 1 × 10 = _____ **35)** 9 × 5 = _____ **36)** 5 × 11 = _____

37) 2 × 10 = _____ **38)** 2 × 2 = _____ **39)** 7 × 2 = _____

40) 2 × 12 = _____ **41)** 5 × 2 = _____ **42)** 9 × 1 = _____

43) 6 × 5 = _____ **44)** 0 × 2 = _____ **45)** 2 × 3 = _____

46) 4 × 5 = _____ **47)** 1 × 8 = _____ **48)** 12 × 10 = _____

49) 11 × 10 = _____

50) 8 × 10 = _____

51) 10 × 1 = _____

52) 8 × 2 = _____

53) 10 × 4 = _____

54) 12 × 5 = _____

55) 2 × 11 = _____

56) 2 × 9 = _____

57) 0 × 5 = _____

58) 5 × 9 = _____

59) 0 × 10 = _____

60) 2 × 6 = _____

61) 9 × 2 = _____

62) 5 × 8 = _____

63) 9 × 10 = _____

64) 5 × 1 = _____

65) 5 × 5 = _____

66) 10 × 5 = _____

67) 3 × 5 = _____

68) 10 × 2 = _____

69) 1 × 11 = _____

70) 2 × 8 = _____

71) 5 × 6 = _____

72) 5 × 10 = _____

73) 2 × 5 = _____

74) 1 × 1 = _____

75) 12 × 2 = _____

76) 7 × 10 = _____

77) 10 × 3 = _____

78) 2 × 1 = _____

79) 6 × 1 = _____

80) 10 × 6 = _____

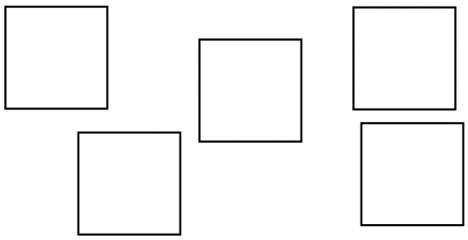
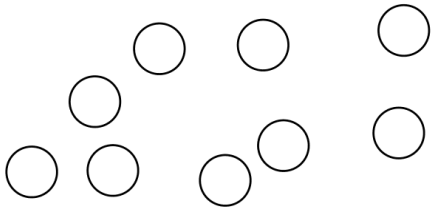
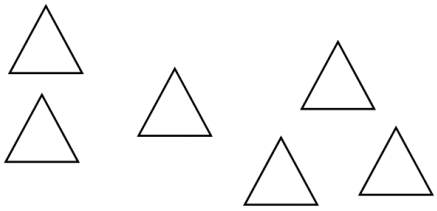
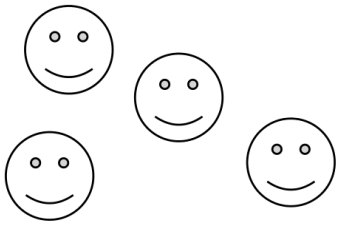
81) 10 × 7 = _____

82) 4 × 1 = _____

83) 4 × 10 = _____

84) 10 × 10 = _____

Count the shapes in each box on the left and draw double the number of shapes in each box on the right

Fill in the multiplication grid

×	1	2	5	10
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				

MULTIPLICATION & DIVISION *DIVIDING BY 1 AND 2*

Answers these questions

1) 10 ÷ 2 = _____ **2)** 12 ÷ 2 = _____ **3)** 1 ÷ 1 = _____

4) 8 ÷ 2 = _____ **5)** 4 ÷ 1 = _____ **6)** 3 ÷ 1 = _____

7) 20 ÷ 2 = _____ **8)** 2 ÷ 2 = _____ **9)** 2 ÷ 1 = _____

10) 6 ÷ 1 = _____ **11)** 14 ÷ 2 = _____ **12)** 16 ÷ 2 = _____

13) 4 ÷ 2 = _____ **14)** 8 ÷ 1 = _____ **15)** 7 ÷ 1 = _____

16) 24 ÷ 2 = _____ **17)** 22 ÷ 2 = _____ **18)** 6 ÷ 2 = _____

19) 11 ÷ 1 = _____ **20)** 5 ÷ 1 = _____ **21)** 10 ÷ 1 = _____

22) 12 ÷ 1 = _____ **23)** 9 ÷ 1 = _____ **24)** 18 ÷ 2 = _____

MULTIPLICATION & DIVISION *DIVIDING BY 1 AND 2*

Fill in the gaps

1) 6 ÷ _____ = 6

2) _____ ÷ 2 = 5

3) 1 ÷ _____ = 1

4) _____ ÷ 2 = 3

5) 12 ÷ _____ = 12

6) _____ ÷ 1 = 2

7) 24 ÷ _____ = 12

8) 4 ÷ _____ = 4

9) _____ ÷ 1 = 3

10) 16 ÷ _____ = 8

11) 7 ÷ _____ = 7

12) _____ ÷ 1 = 9

13) 12 ÷ _____ = 6

14) _____ ÷ 2 = 11

15) _____ ÷ 2 = 1

16) _____ ÷ 1 = 8

17) 10 ÷ _____ = 10

18) 20 ÷ _____ = 10

19) _____ ÷ 2 = 2

20) 11 ÷ _____ = 11

21) 18 ÷ _____ = 9

22) _____ ÷ 2 = 4

23) _____ ÷ 2 = 7

24) 5 ÷ _____ = 5

MULTIPLICATION & DIVISION *DIVIDING BY 5 AND 10*

Answers these questions

1) 60 ÷ 5 = _____ **2)** 20 ÷ 5 = _____ **3)** 40 ÷ 5 = _____

4) 10 ÷ 10 = _____ **5)** 55 ÷ 5 = _____ **6)** 40 ÷ 10 = _____

7) 15 ÷ 5 = _____ **8)** 5 ÷ 5 = _____ **9)** 100 ÷ 10 = _____

10) 80 ÷ 10 = _____ **11)** 50 ÷ 10 = _____ **12)** 10 ÷ 5 = _____

13) 110 ÷ 10 = _____ **14)** 60 ÷ 10 = _____ **15)** 50 ÷ 5 = _____

16) 20 ÷ 10 = _____ **17)** 30 ÷ 5 = _____ **18)** 25 ÷ 5 = _____

19) 35 ÷ 5 = _____ **20)** 120 ÷ 10 = _____ **21)** 45 ÷ 5 = _____

22) 90 ÷ 10 = _____ **23)** 70 ÷ 10 = _____ **24)** 30 ÷ 10 = _____

MULTIPLICATION & DIVISION *DIVIDING BY 5 AND 10*

Fill in the gaps

1) _____ ÷ 5 = 4

2) 30 ÷ _____ = 3

3) _____ ÷ 10 = 12

4) 50 ÷ _____ = 10

5) _____ ÷ 5 = 12

6) 10 ÷ _____ = 2

7) _____ ÷ 5 = 5

8) 40 ÷ _____ = 4

9) _____ ÷ 5 = 3

10) 10 ÷ _____ = 1

11) _____ ÷ 10 = 5

12) 80 ÷ _____ = 8

13) _____ ÷ 10 = 10

14) 45 ÷ _____ = 9

15) _____ ÷ 10 = 2

16) 70 ÷ _____ = 7

17) _____ ÷ 10 = 6

18) 40 ÷ _____ = 8

19) _____ ÷ 10 = 11

20) 55 ÷ _____ = 11

21) _____ ÷ 5 = 6

22) 35 ÷ _____ = 7

23) _____ ÷ 10 = 9

24) 5 ÷ _____ = 1

MULTIPLICATION & DIVISION *DIVIDING BY 1, 2, 5 AND 10*

Answers these questions

1) 22 ÷ 2 = _____ **2)** 8 ÷ 2 = _____ **3)** 4 ÷ 2 = _____

4) 10 ÷ 2 = _____ **5)** 10 ÷ 5 = _____ **6)** 45 ÷ 5 = _____

7) 5 ÷ 5 = _____ **8)** 110 ÷ 10 = _____ **9)** 40 ÷ 10 = _____

10) 30 ÷ 5 = _____ **11)** 55 ÷ 5 = _____ **12)** 120 ÷ 10 = _____

13) 50 ÷ 5 = _____ **14)** 8 ÷ 1 = _____ **15)** 11 ÷ 1 = _____

16) 80 ÷ 10 = _____ **17)** 20 ÷ 5 = _____ **18)** 60 ÷ 5 = _____

19) 3 ÷ 1 = _____ **20)** 2 ÷ 1 = _____ **21)** 90 ÷ 10 = _____

22) 4 ÷ 1 = _____ **23)** 60 ÷ 10 = _____ **24)** 1 ÷ 1 = _____

25) 100 ÷ 10 = _____ **26)** 6 ÷ 2 = _____ **27)** 6 ÷ 1 = _____

28) 9 ÷ 1 = _____ **29)** 35 ÷ 5 = _____ **30)** 16 ÷ 2 = _____

31) 20 ÷ 10 = _____ **32)** 24 ÷ 2 = _____ **33)** 20 ÷ 2 = _____

34) 5 ÷ 1 = _____ **35)** 12 ÷ 1 = _____ **36)** 2 ÷ 2 = _____

37) 14 ÷ 2 = _____ **38)** 10 ÷ 1 = _____ **39)** 7 ÷ 1 = _____

40) 70 ÷ 10 = _____ **41)** 18 ÷ 2 = _____ **42)** 25 ÷ 5 = _____

43) 10 ÷ 10 = _____ **44)** 30 ÷ 10 = _____ **45)** 40 ÷ 5 = _____

46) 50 ÷ 10 = _____ **47)** 15 ÷ 5 = _____ **48)** 12 ÷ 2 = _____

Halve the following numbers and write the answer in figures

1) eight _____

2) twelve _____

3) twenty-four _____

4) eighteen _____

5) twenty-two _____

6) sixteen _____

7) four _____

8) ten _____

9) fourteen _____

10) two _____

11) six _____

12) twenty _____

Divide the following numbers by ten write the answer in figures

13) eighty _____

14) one hundred and twenty _____

15) one hundred _____

16) ninety _____

17) fifty _____

18) seventy _____

19) forty _____

20) thirty _____

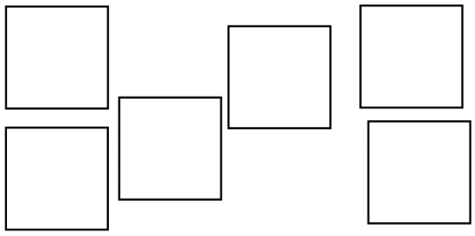
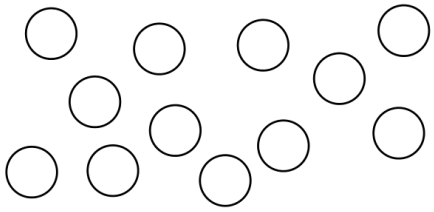
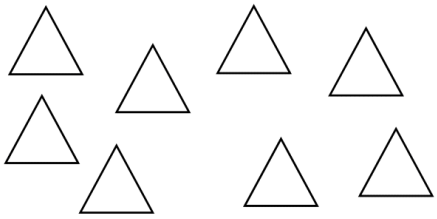
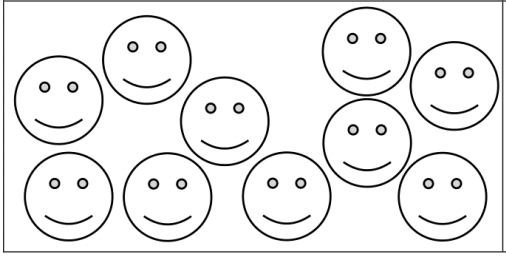
21) twenty _____

22) sixty _____

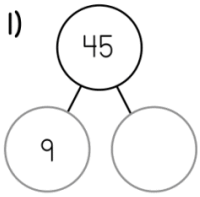
23) one hundred and ten _____

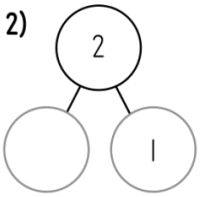
24) ten _____

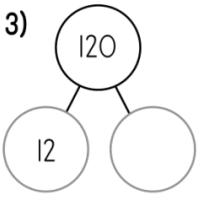
Count the shapes in each box on the left and draw half the number of shapes in each box on the right

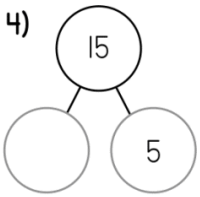
	
	
	
	

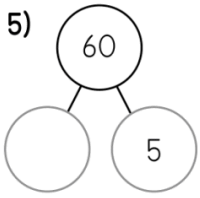
Fill in the empty circles

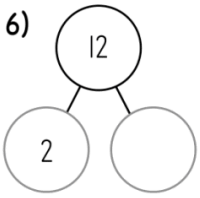
1) 

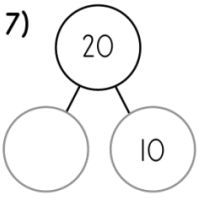
2) 

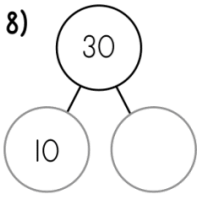
3) 

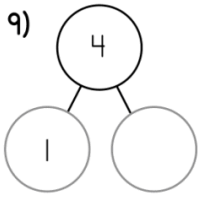
4) 

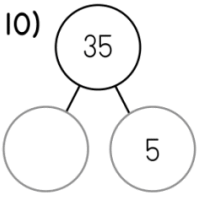
5) 

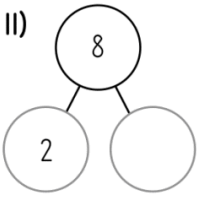
6) 

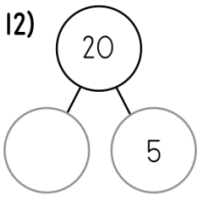
7) 

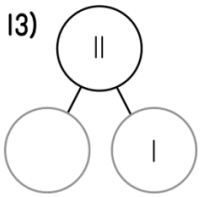
8) 

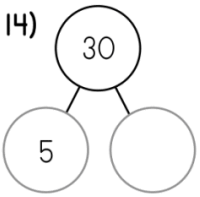
9) 

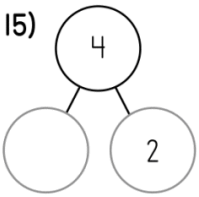
10) 

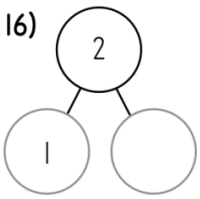
11) 

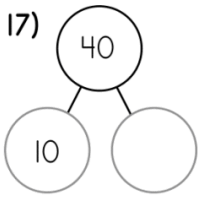
12) 

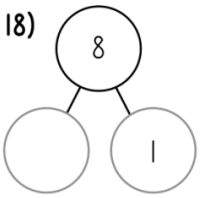
13) 

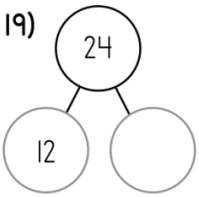
14) 

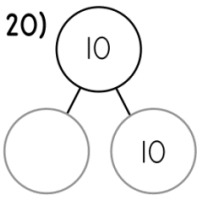
15) 

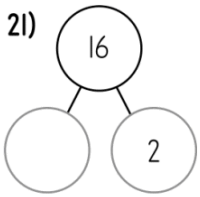
16) 

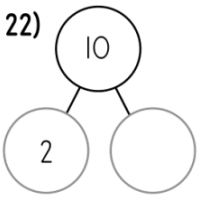
17) 

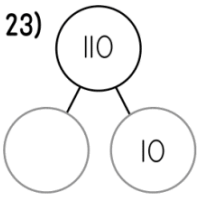
18) 

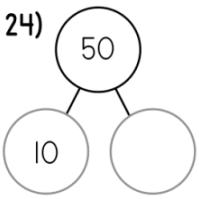
19) 

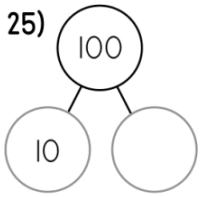
20) 

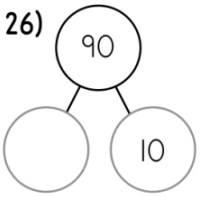
21) 

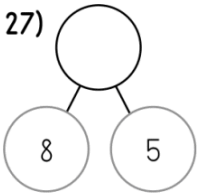
22) 

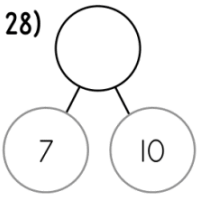
23) 

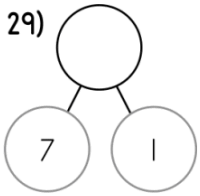
24) 

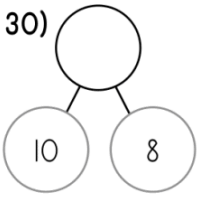
25) 

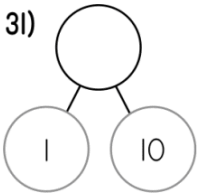
26) 

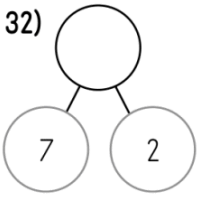
27) 

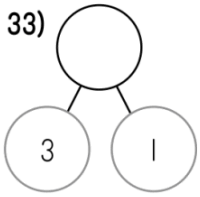
28) 

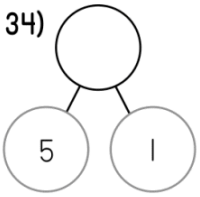
29) 

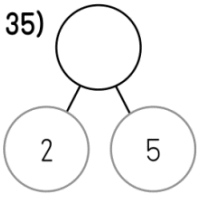
30) 

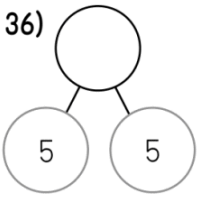
31) 

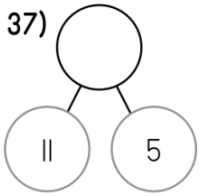
32) 

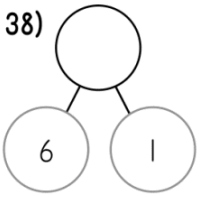
33) 

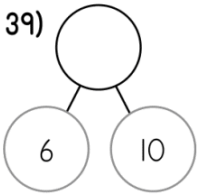
34) 

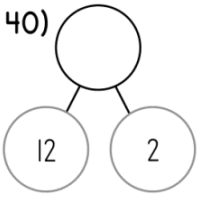
35) 

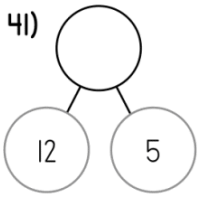
36) 

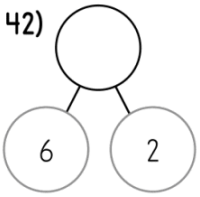
37) 

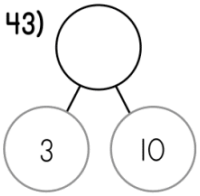
38) 

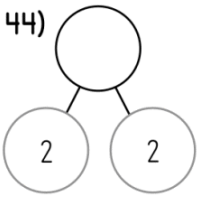
39) 

40) 

41) 

42) 

43) 

44) 

YEAR ONE

FRACTIONS

Answers these questions

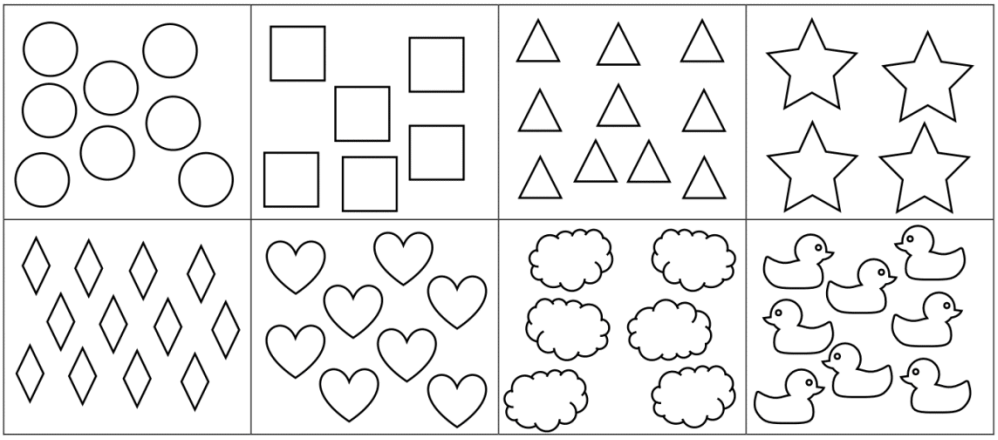
1) ½ of 2 = _____ **2)** ½ of 16 = _____ **3)** ½ of 14 = _____

4) ½ of 24 = _____ **5)** ½ of 4 = _____ **6)** ½ of 10 = _____

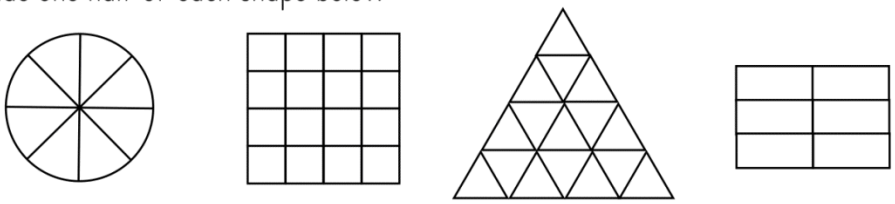
7) ½ of 18 = _____ **8)** ½ of 8 = _____ **9)** ½ of 12 = _____

10) ½ of 22 = _____ **11)** ½ of 20 = _____ **12)** ½ of 6 = _____

Shade half of the shapes in each box



Shade one half of each shape below



FRACTIONS *QUARTER*

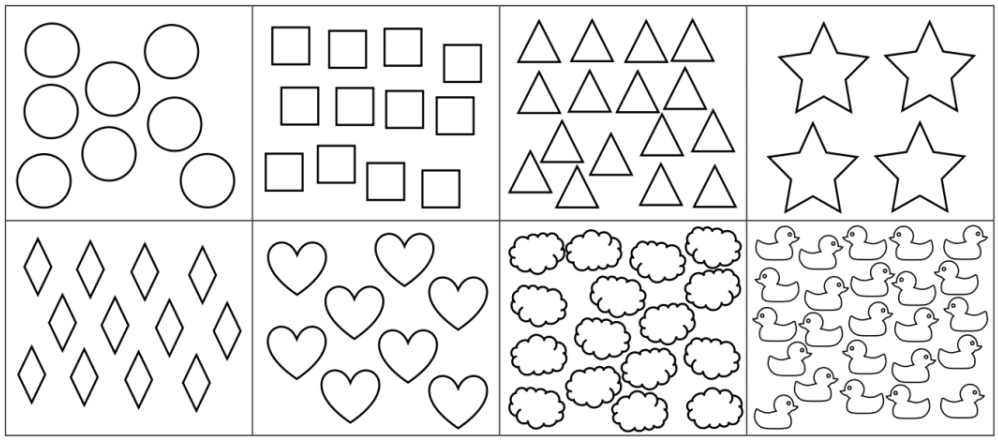
Answers these questions

1) ¼ of 8 = _____ **2)** ¼ of 16 = _____ **3)** ¼ of 12 = _____

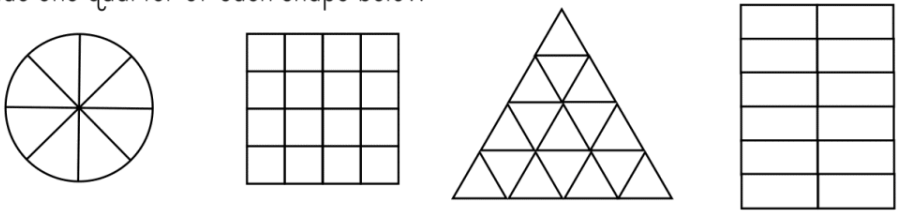
4) ¼ of 24 = _____ **5)** ¼ of 4 = _____ **6)** ¼ of 20 = _____

7) ¼ of 28 = _____ **8)** ¼ of 36 = _____ **9)** ¼ of 32 = _____

Shade a quarter of the shapes in each box



Shade one quarter of each shape below



FRACTIONS *HALF & QUARTER*

Answers these questions

1) ¼ of 16 = _____ **2)** ½ of 16 = _____ **3)** ¼ of 28 = _____

4) ½ of 4 = _____ **5)** ¼ of 8 = _____ **6)** ¼ of 12 = _____

7) ¼ of 4 = _____ **8)** ¼ of 20 = _____ **9)** ½ of 20 = _____

10) ½ of 8 = _____ **11)** ¼ of 32 = _____ **12)** ½ of 26 = _____

13) ½ of 28 = _____ **14)** ½ of 2 = _____ **15)** ½ of 18 = _____

16) ½ of 24 = _____ **17)** ½ of 14 = _____ **18)** ½ of 12 = _____

19) ½ of 30 = _____ **20)** ¼ of 24 = _____ **21)** ½ of 6 = _____

22) ½ of 22 = _____ **23)** ½ of 10 = _____ **24)** ¼ of 36 = _____

Fill in the gaps

25) ¼ of _____ = 3 **26)** ½ of _____ = 11 **27)** ¼ of _____ = 4

28) ½ of _____ = 10 **29)** ½ of _____ = 5 **30)** ¼ of _____ = 8

31) ¼ of _____ = 1 **32)** ½ of _____ = 9 **33)** ¼ of _____ = 5

34) ½ of _____ = 4 **35)** ¼ of _____ = 6 **36)** ½ of _____ = 3

37) ½ of _____ = 6 **38)** ¼ of _____ = 2 **39)** ½ of _____ = 12

FRACTIONS *HALF & QUARTER*

Fill in the gaps

1) 6 is ½ of _____ **2)** 3 is ¼ of _____ **3)** 8 is ½ of _____

4) 5 is ¼ of _____ **5)** 10 is ½ of _____ **6)** 2 is ¼ of _____

7) 12 is ½ of _____ **8)** 1 is ¼ of _____ **9)** 4 is ½ of _____

10) 4 is ¼ of _____ **11)** 9 is ½ of _____ **12)** 2 is ¼ of _____

13) 5 is ½ of _____ **14)** 7 is ¼ of _____ **15)** 2 is ½ of _____

16) 6 is ¼ of _____ **17)** 11 is ½ of _____ **18)** 1 is ½ of _____

19) 3 is ½ of _____ **20)** 7 is ½ of _____ **21)** 0 is ½ of _____

Fill in the gaps, halving each number again and again

22) 24 _____ _____ _____

23) 20 _____ _____

24) 16 _____ _____ _____ _____

25) 12 _____ _____

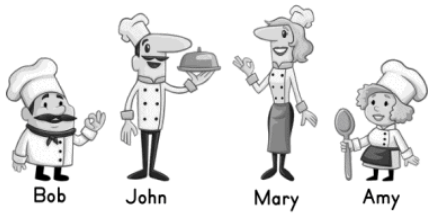
26) 8 _____ _____ _____

27) 4 _____ _____

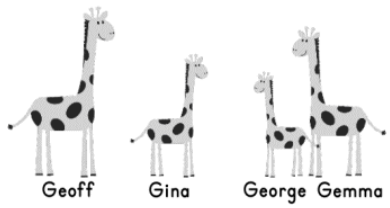
YEAR ONE

MEASUREMENT

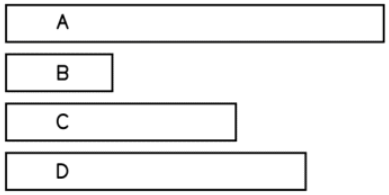
Circle the correct words so the sentences are correct



Bob is [taller / shorter] than Mary.
Amy is [taller / shorter] than Mary.
John is [taller / shorter] than Amy.
John is [taller / shorter] than Bob.
Bob and Amy are [taller / shorter] than Mary and John.
John and Mary are [taller / shorter] than Amy and Bob.

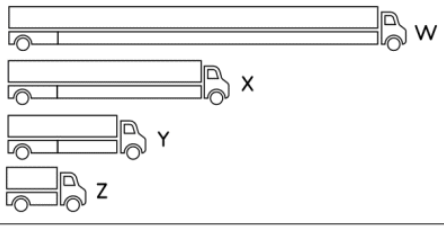


Gemma is [taller / shorter] than Geoff.
George is [taller / shorter] than Gina.
Gemma is [taller / shorter] than George and Gina.
Gina is [taller / shorter] than Gemma.
Geoff and Gemma are [taller / shorter] than Gina.
George is [taller / shorter] than Gemma and Gina.



B is [longer / shorter] than D.
A is [longer / shorter] than C.
D and A are [longer / shorter] than B and C.
C is [longer / shorter] than A.
B is [longer / shorter] than C and D.
A, C and D are [longer / shorter] than B.

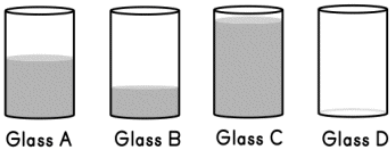
5kg is [heavier / lighter] than 20kg.
20kg is [half / double] 10kg.
5kg is [half / a quarter] of 20kg.
20kg is four times as heavy as [10kg / 5kg].
15kg is [heavier / lighter] than 5kg.
10kg is [heavier / lighter] than 15kg.



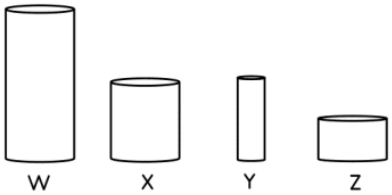
W is [longer / shorter] than X.
X is [longer / shorter] than Y.
Y and Z are [longer / shorter] than W and X.
Z is [longer / shorter] than Y.
X is [longer / shorter] than Z.
Y is [longer / shorter] than W.

MEASUREMENT *VOLUME*

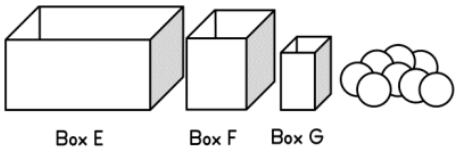
Circle the correct words so the sentences are correct



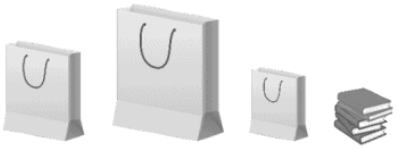
Glass A is about [half / twice] as full as Glass C.
Glass C is almost [full / empty].
Glass D is [full / empty].
Glass B is about [half / twice] as full as Glass A.
Glass B is about [half / a quarter] as full as Glass C.
Glass A contains [more / less] liquid than Glass B.



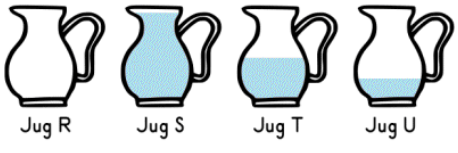
W can hold about [half / twice] as much as X.
Y can hold [more / less] than X.
Z can hold about [half / a quarter] as much as W.
Z can hold about [half / a quarter] as much as X.
Y and Z can hold [more / less] than W and X.
W can hold [more / less] than Y.



Box E can hold [more / fewer] balls than box F.
[More / fewer] balls can fit in box G than in box E.
Box G is [bigger / smaller] than boxes E and F.
Box F is [bigger / smaller] than box E.
Box G can hold [more / fewer] balls than box E.
Box E is [bigger / smaller] than box G.

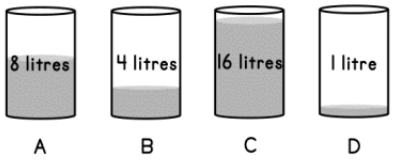


Bag J is [bigger / smaller] than bag L.
Bag K can hold [more / fewer] books than bag J.
Bag L is [taller / shorter] than bag K.
[More / fewer] books can fit in bag L than in bag J.
[More / fewer] books can fit in bag K than in bag L.
Bag J is [bigger / smaller] than bag K .

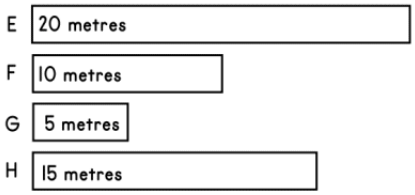


Jug R is [empty / full].
Jug S is almost [empty / full].
Jug T is [half / twice] as full as jug S.
Jug U is [half / twice] as full as jug T.
Jug U is [four times / a quarter] as full as jug S.
Jug S contains [more / less] water than jug U.

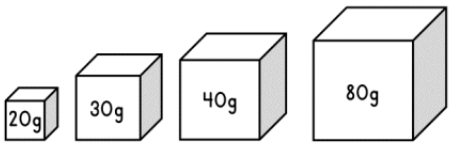
Circle the correct words so the sentences are correct



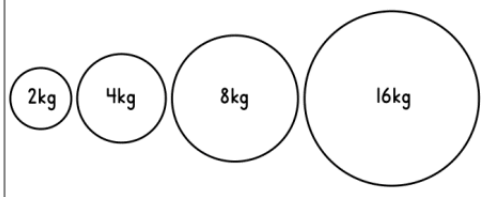
A is [half / twice] as full as C.
D is almost [full / empty].
D is [half / a quarter] as full as B.
B is [half / a quarter] as full as A.
C is [twice / four times] as full as B.
B contains [more / less] liquid than D.



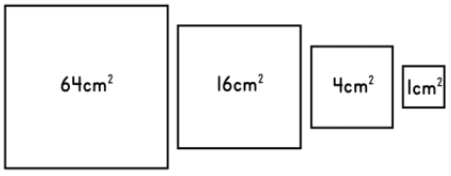
E is [half / twice] as long as F.
G is [double / half] the length of F.
H is [longer / shorter] than E.
G is [half / a quarter] as long as E.
F is [twice / four times] as long as G.
E is [two / four] times as long as G.



40g is [half / twice] as heavy as 20g.
40g is [half / twice] as heavy as 80g.
80g is [two / four] times heavier than 20g.
80g is [two / four] times heavier than 40g.
20g is [heavier / lighter] than 30g.
30g is [heavier / lighter] than 80g.



8kg is four times [heavier / lighter] than 2kg.
16kg is [half / double] 8kg.
2kg is [two / four] times lighter than 4kg.
4kg is [heavier / lighter] than 16kg.
4kg is [half / twice] as heavy as 8kg.
16kg is [two / four] times heavier than 4kg.



16cm² is four times [bigger / smaller] than 4cm².
1cm² is four times [bigger / smaller] than 4cm².
4cm² is [two / four] times smaller than 16cm².
4cm² is [two / four] times bigger than 1cm².
16cm² is [bigger / smaller] than 64cm².
64cm² is [bigger / smaller] than 1cm².

MEASUREMENT *DAYS OF THE WEEK*

Fill in the gaps so the sentences are correct

1) If today is Monday, tomorrow will be _____.

2) If today is Wednesday, in two days it will be _____.

3) If today is Saturday, in _____ days it will be Tuesday.

4) If yesterday was Thursday, today is _____.

5) If it was Friday two days ago, today is _____.

6) If it was Tuesday yesterday, tomorrow will be _____.

7) If it was _____ yesterday, today is Sunday.

8) If it was _____ yesterday, tomorrow will be Wednesday.

9) If today is Monday, it will be Thursday in _____ days.

10) If tomorrow is _____, today is Tuesday.

11) If tomorrow is _____, yesterday was Friday.

12) If it is Monday today, in four days it will be _____.

13) The day before Wednesday is _____.

14) Two days after Thursday is _____.

15) There are _____ days in a week.

16) There are _____ days in two weeks.

17) There are seventy days in _____ weeks.

MEASUREMENT *MONTHS OF THE YEAR*

Fill in the gaps so the sentences are correct

1) If this month is February, next month will be _____.

2) If last month was September, this month is _____.

3) If next month is December, this month is _____.

4) There are _____ days in two weeks.

5) There are _____ days in May.

6) August has _____ days.

7) There are twenty-eight or twenty-nine days in _____.

8) There are _____ months in one year.

9) In ten years, there are _____ months altogether.

10) There are _____ months that have thirty-one days.

11) If this month is April, in three months, it will be _____.

12) If this month is November, four months ago it was _____.

13) Two months ago was January, so it is now _____.

14) If this year is 2020, next year will be _____.

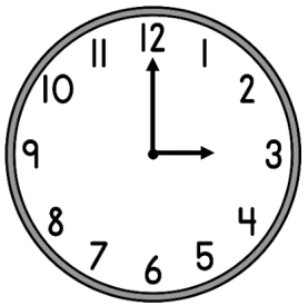
15) If last year was 2018, this year is _____.

16) There are more days in April than there are in _____.

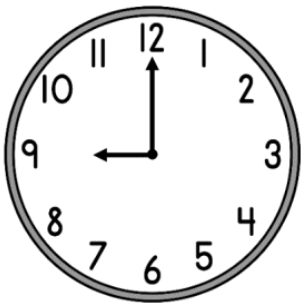
17) There are _____ days in one year.

MEASUREMENT *TELLING THE TIME – O'CLOCK*

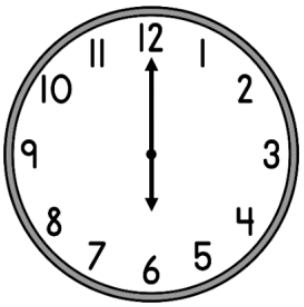
Write the time next to each clock



It's _____ o'clock

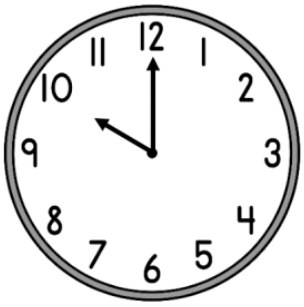


It's _____ o'clock

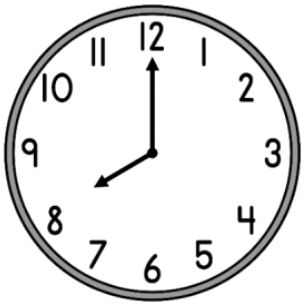


It's _____ o'clock

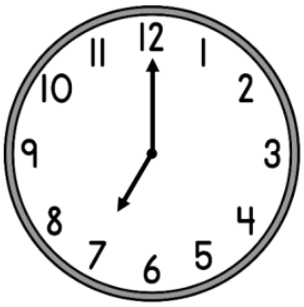
It's _____ o'clock



It's _____ o'clock

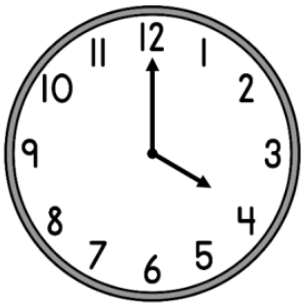


It's _____ o'clock



It's _____ o'clock

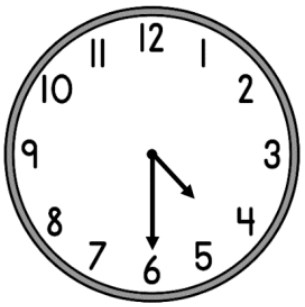
It's _____ o'clock



It's _____ o'clock

MEASUREMENT *TELLING THE TIME – HALF PAST*

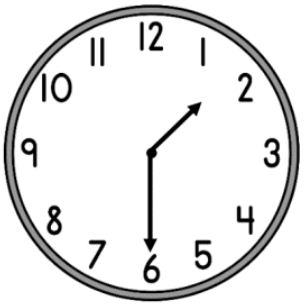
Write the time next to each clock



It's half past _____

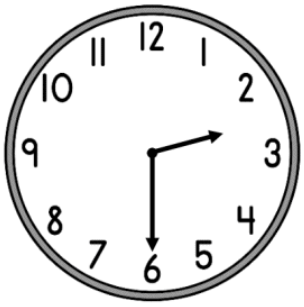
It's half past _____

It's half past _____



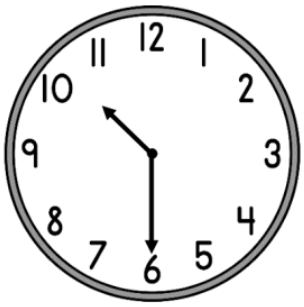
It's half past _____

It's half past _____

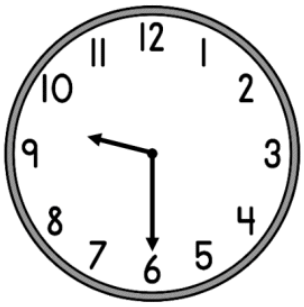


It's half past _____

It's half past _____



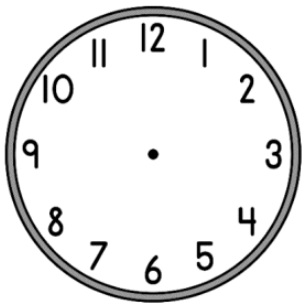
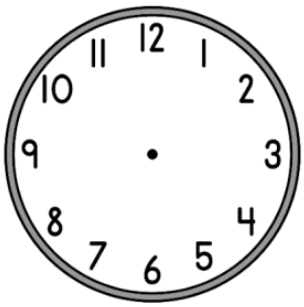
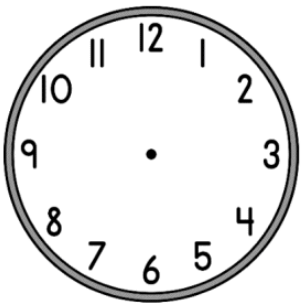
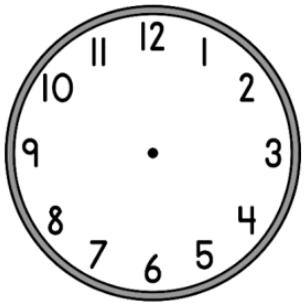
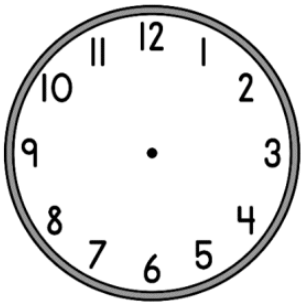
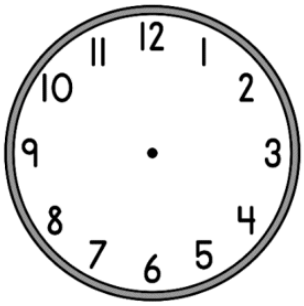
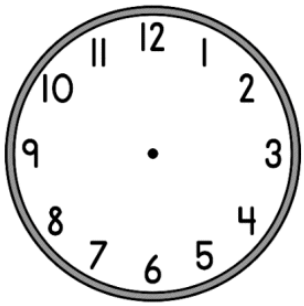
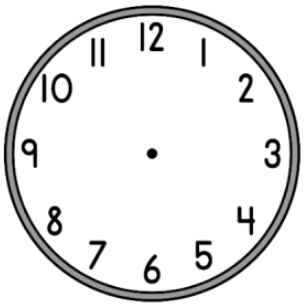
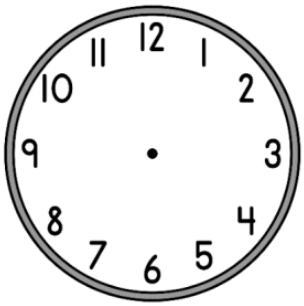
It's half past _____



It's half past _____

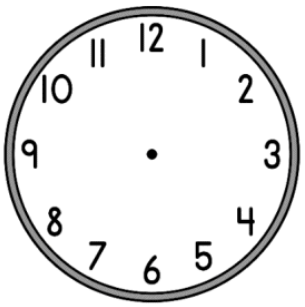
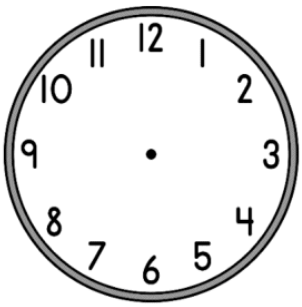
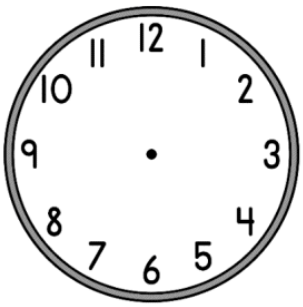
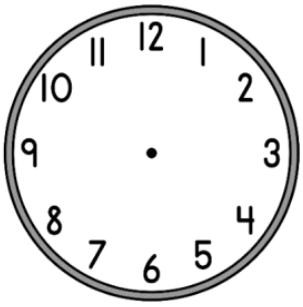
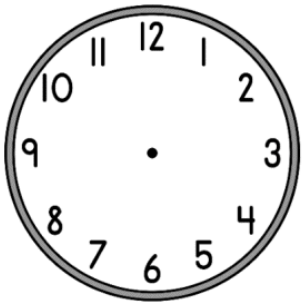
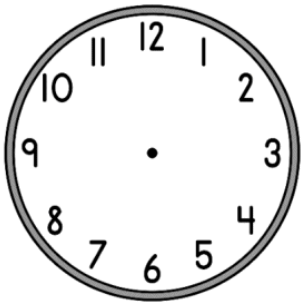
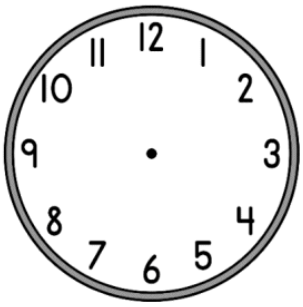
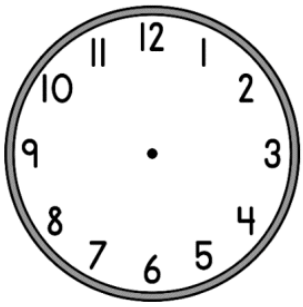
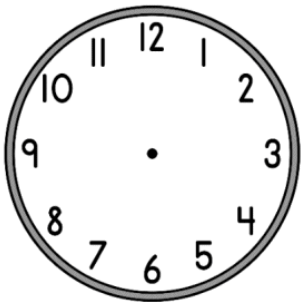
MEASUREMENT *WRITING THE TIME – O'CLOCK*

Draw hands on the clocks so the time is right

 It's **two** o'clock	 It's **six** o'clock	 It's **ten** o'clock
 It's **eight** o'clock	 It's **nine** o'clock	 It's **eleven** o'clock
 It's **one** o'clock	 It's **three** o'clock	 It's **four** o'clock

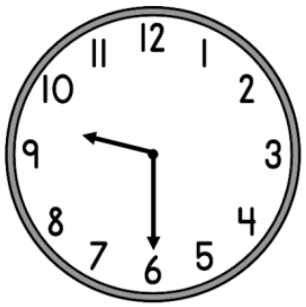
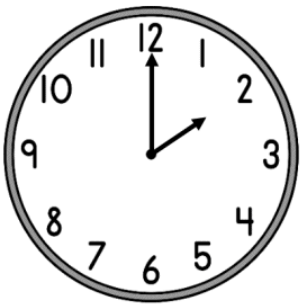
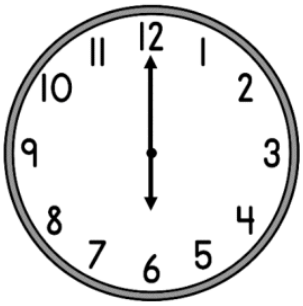
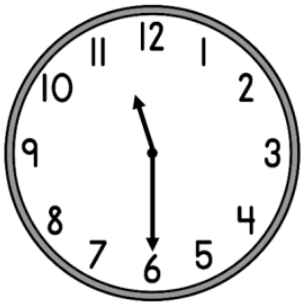
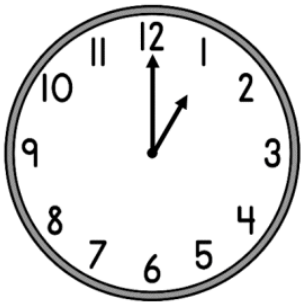
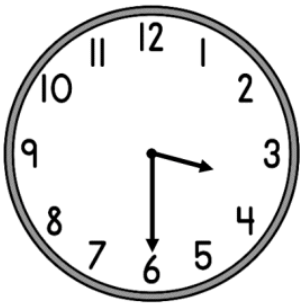
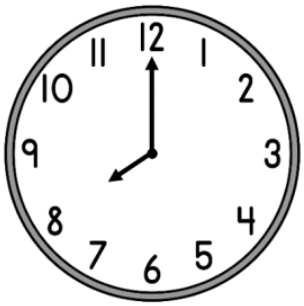
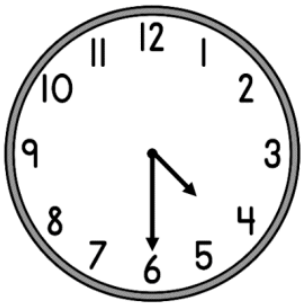
MEASUREMENT *WRITING THE TIME – HALF PAST*

Draw hands on the clocks so the time is right

 It's half past **nine**	 It's half past **eleven**	 It's half past **four**
 It's half past **three**	 It's half past **two**	 It's half past **one**
 It's half past **six**	 It's half past **seven**	 It's half past **ten**

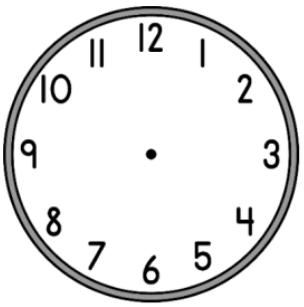
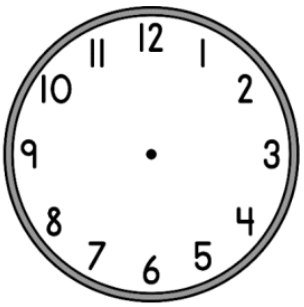
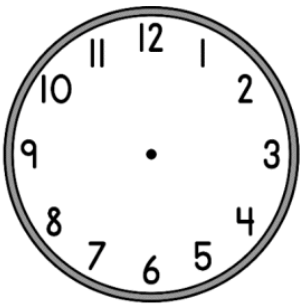
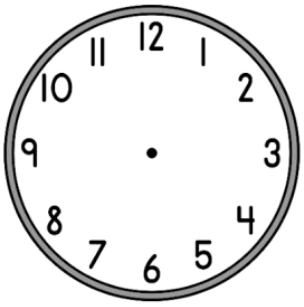
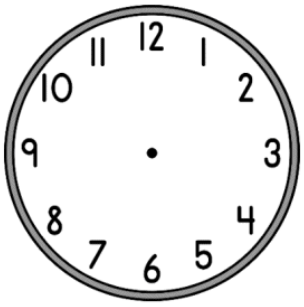
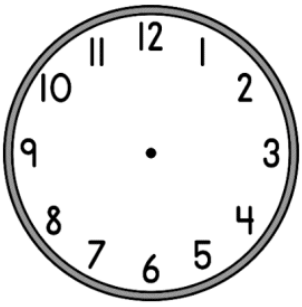
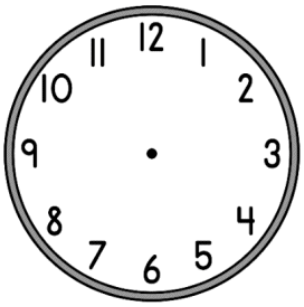
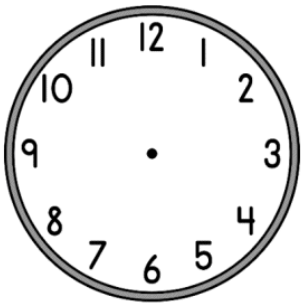
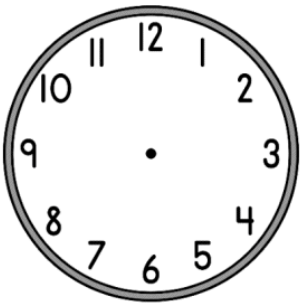
MEASUREMENT *TELLING THE TIME – O'CLOCK & HALF PAST*

Write the time next to each clock

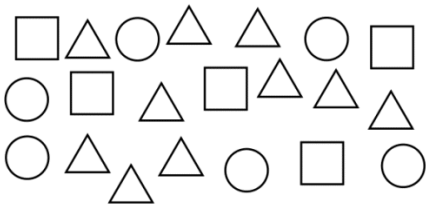
 It's half past _____	 It's _____ o'clock	It's half past _____
 It's _____ o'clock	 It's half past _____	 It's _____ o'clock
 It's half past _____	 It's _____ o'clock	 It's half past _____

MEASUREMENT *WRITING THE TIME – O'CLOCK & HALF PAST*

Draw hands on the clocks so the time is right

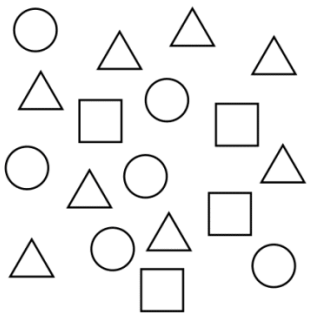
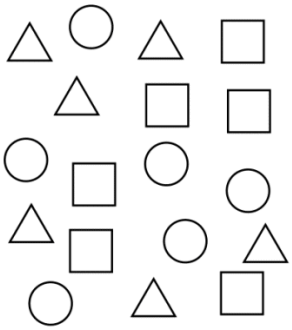
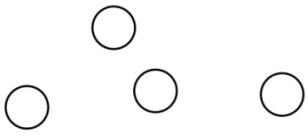
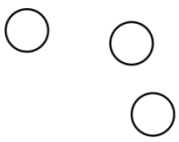
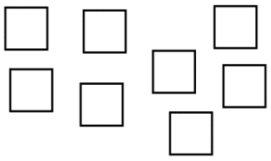
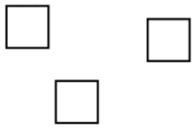
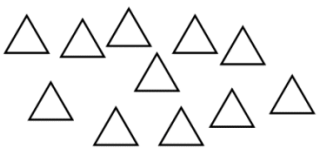
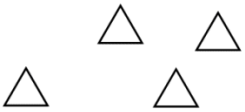
 It's **eight** o'clock	 It's half past **one**	 It's **four** o'clock
 It's half past **ten**	 It's **three** o'clock	 It's half past **six**
 It's **two** o'clock	 It's half past **nine**	 It's **eleven** o'clock

Count the objects and circle the correct word



There are more [triangles / squares] than circles.
There are [more / fewer] circles than squares.
There are twice as many triangles as [squares / circles].

Count the objects and fill in the gaps

	+		=	_____ circles _____ squares _____ triangles
	+		=	_____ circles
	-		=	_____ squares
	-		=	_____ triangles

Measure the lines below with a ruler and write down how long they are in cm

_____ cm

_____ cm

_____ cm

_____ cm

_____ cm

_____ cm

_____ cm

_____ cm

Can you answer these questions?

1) How many seconds are there in one minute? _____

2) How many minutes are there in one hour? _____

3) How many minutes are there in half an hour? _____

4) How many hours are there in one day? _____

5) How many days are there in one week? _____

6) How many days are there in two weeks? _____

7) How many days are there in one year? _____

8) How many days are there in a leap year? _____

9) How many weeks are there in one year? _____

Fill in the gaps so that these sentences are correct

10) If it is four o'clock now, it will be _____ o'clock in one hour.

11) If it is seven o'clock now, it will be _____ o'clock in three hours.

12) If it is twelve o'clock now, it was _____ o'clock an hour ago.

13) If it is nine o'clock now, it will be _____ o'clock in two hours.

14) If it was two o'clock an hour ago, it is _____ o'clock now.

15) If it was four o'clock three hours ago, it will be _____ o'clock in one hour.

16) If it was five o'clock two hours ago, it will be _____ o'clock in three hours.

Match the coins and notes to the correct amount

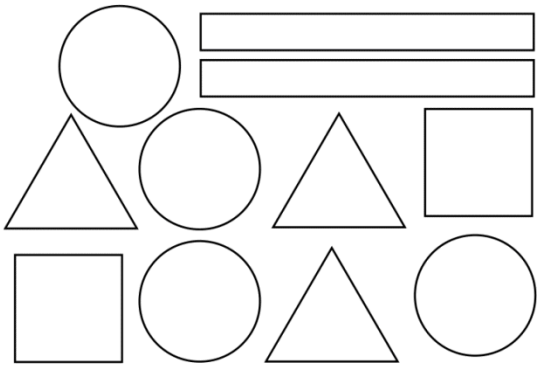
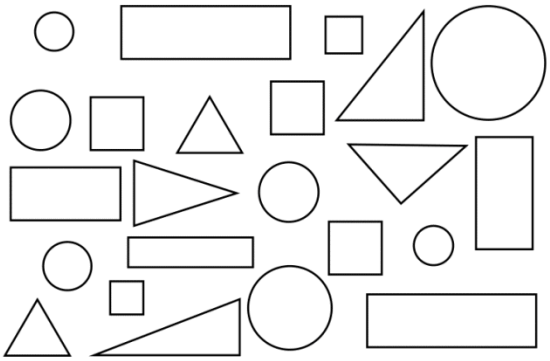
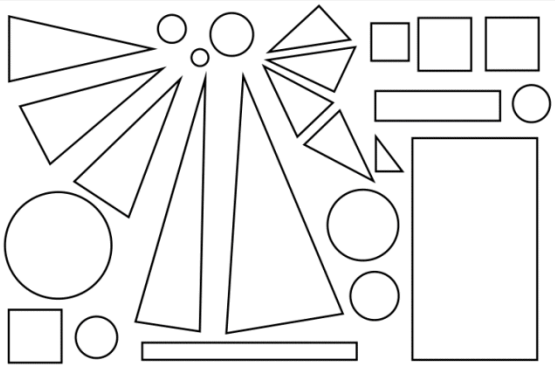
1p	2p	5p	10p	20p	50p	£1	£2	£5	£10	£20	£50

YEAR ONE

GEOMETRY:

PROPERTIES OF SHAPES

How many of each shape are there?

	_____ circles _____ squares _____ rectangles _____ triangles _____ shapes altogether
	_____ circles _____ squares _____ rectangles _____ triangles _____ shapes altogether
	_____ circles _____ squares _____ rectangles _____ triangles _____ shapes altogether

Can you answer these questions?

1) **How many sides does a square have?** _____

2) **How many sides does a triangle have?** _____

3) **How many sides does a circle have?** _____

4) **How many sides does a rectangle have?** _____

Do these objects usually look more like a rectangle or a circle?

5) **Television** _____

6) **Wheel** _____

7) **Clock** _____

8) **Plate** _____

9) **Book** _____

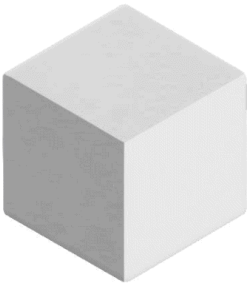
10) **Window** _____

11) **Door** _____

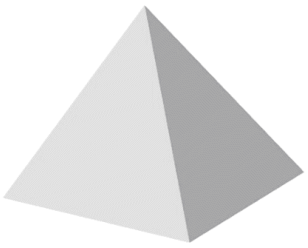
12) **Photograph** _____

13) **Mobile phone** _____

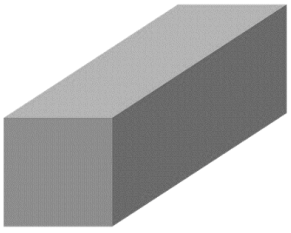
Can you name these 3D shapes?



This shape is a _____.



This shape is a _____.



This shape is a _____.

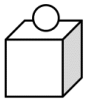
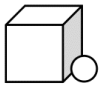
This shape is a _____.

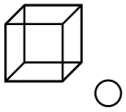
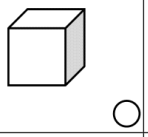
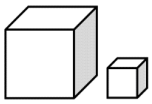
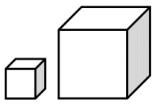
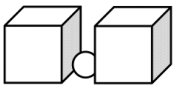
YEAR ONE

GEOMETRY:

POSITION & DIRECTION

Circle the correct word in each sentence.

	The arrow is pointing up / down / left / right.
	The arrow is pointing up / down / left / right.
	The arrow is pointing up / down / left / right.
	The arrow is pointing up / down / left / right.
	The sphere is on top of / next to / under the cube.
	The sphere is on top of / next to / under the cube.
	The sphere is inside / outside the cube.

	The sphere is inside / outside the cube.
	The sphere is close to / far from the cube.
	The sphere is close to / far from the cube.
	The cube on the left / right is the biggest.
	The cube on the left / right is the biggest.
	The sphere is behind / between / in front of the cubes.
	The sphere is behind / above / in front of the cube.
	The cube is on top of / next to / under the sphere.

The arrows below have been turned clockwise. Choose whether they have made a quarter turn, a half turn, a three-quarter turn or a whole turn.

Before	After	
		quarter turn ☐ half turn ☐ three-quarter turn ☐ whole turn ☐
		quarter turn ☐ half turn ☐ three-quarter turn ☐ whole turn ☐
		quarter turn ☐ half turn ☐ three-quarter turn ☐ whole turn ☐
		quarter turn ☐ half turn ☐ three-quarter turn ☐ whole turn ☐
		quarter turn ☐ half turn ☐ three-quarter turn ☐ whole turn ☐
		quarter turn ☐ half turn ☐ three-quarter turn ☐ whole turn ☐
		quarter turn ☐ half turn ☐ three-quarter turn ☐ whole turn ☐

ANSWERS

Number & place value

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1) 2, 5, 8
2) 43, 45, 48
3) 70, 73, 78
4) 34, 36, 40
5) 14, 20, 21
6) 93, 94, 98
7) 51, 53, 55, 59
8) 84, 85, 88, 89, 90
9) 8, 12, 13, 17
10) 35, 37, 38, 41, 42
11) 72, 73, 75, 80
12) 9, 10, 11, 15, 16
13) 3, 4, 5, 6, 7, 9, 10, 11
14) 22, 24, 25, 26, 27, 28
15) 31, 33, 35, 38, 39
16) 45, 47, 49, 51, 52, 53, 54
17) 90, 91, 92, 95, 96, 97, 98, 99

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1) 62, 59, 55
2) 92, 88, 87
3) 18, 17, 15
4) 46, 43, 42, 40, 39
5) 82, 80, 77, 76, 74
6) 32, 29, 28, 25, 24
7) 79, 77, 74, 73, 71
8) 35, 32, 31, 28, 27
9) 99, 97, 94, 93, 91
10) 27, 25, 24, 21, 20, 18
11) 8, 5, 3, 2, 1
12) 73, 71, 70, 67, 66
13) 11, 9, 6, 5, 3
14) 65, 63, 60, 59, 57
15) 71, 69, 66, 65, 64, 63, 62
16) 29, 27, 26, 25, 23, 22, 21, 20
17) 100, 99, 98, 97, 95, 94, 93, 92

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1) 24, 26, 29, 30
2) 55, 58, 60, 63
3) 66, 64, 61, 59, 58
4) 21, 18, 16, 14, 13
5) 80, 81, 82, 85, 86
6) 99, 96, 95, 93, 92
7) 37, 39, 40, 43, 44, 45
8) 77, 76, 73, 70, 68
9) 4, 7, 8, 9, 12, 13
10) 79, 76, 73, 72, 71
11) 14, 13, 10, 7, 6
12) 42, 43, 44, 45, 47, 48, 49
13) 8, 9, 13, 14, 15, 17
14) 69, 70, 71, 72, 73, 76, 77, 78
15) 50, 48, 47, 45, 44, 43, 42, 41
16) 18, 19, 20, 21, 22, 23, 24, 25

Page 8

1) twelve
2) twenty-eight
3) 54
4) eighty-five
5) 71
6) 36
7) fifty-five
8) 29
9) forty
10) seventy-four
11) 16
12) 98
13) six
14) sixty-three
15) four
16) 26
17) sixty
18) seventy-eight
19) 100
20) forty-seven
21) twenty-two
22) 38
23) 81
24) fifty-eight
25) fourteen
26) eighty-nine
27) 90
28) eighteen
29) ninety-nine
30) 67
31) 87
32) 39
33) nineteen
34) thirty-four
35) 42
36) 21

Page 10

12 **apples**
17 **fish**
5 **guitars**
13 **ice creams**
8 **dinosaurs**
30 **hearts**
14 **horseshoes**
9 **trees**
9 **cows**
11 **flowers**

Page 11

13 **circles**
6 **rectangles**
9 **triangles**
8 **butterflies**
5 **caterpillars**
10 **bees**
7 **grasshoppers**
3 **beetles**
3 **pandas**
8 **monkeys**
6 **zebras**
7 **unicorns**
2 **giraffes**
7 **forks**
7 **knives**
10 **spoons**

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1) 57
2) 100
3) 81
4) 35

5) 28
6) 11
7) 41
8) 49
9) 39
10) 52
11) 79
12) 89
13) 13
14) 13
15) 3
16) 8
17) 76
18) 83
19) 26
20) 59
21) 86
22) 90
23) 66
24) 46
25) 69
26) 31
27) 6
28) 20
29) 48
30) 21
31) 96
32) 67
33) 32
34) 16
35) 2
36) 38
37) 84
38) 93
39) 77
40) 8

Page 13

1) less
2) less
3) more
4) less
5) more
6) less
7) less
8) less
9) more
10) less
11) less
12) more
13) more
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28) less
29) less
30) less
31) more
32) less
33) more
34) more

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9) 4, 7, 36, 39, 45, 46, 48, 52, 79, 81

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4) 97, 84, 79, 40, 37, 20, 19, 14, 13, 4
5) 99, 94, 88, 61, 57, 42, 36, 28, 9, 3
6) 98, 94, 77, 71, 69, 64, 43, 17, 16, 4
7) 89, 70, 59, 47, 46, 39, 30, 29, 12, 8
8) 78, 67, 52, 47, 39, 34, 32, 16, 15, 11
9) 99, 98, 94, 68, 51, 43, 41, 21, 20, 9

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2) 42, 43, 46
3) 34, 31, 28, 27
4) 54, 53, 51, 50, 48, 47
5) 21, 22, 26, 27
6) 80, 79, 78, 75, 73
7) 45, 47, 49, 51, 53
8) 26, 25, 23, 21, 20
9) 63, 65, 66, 67, 68, 69
10) 4, 6, 8, 9, 10
11) 74, 73, 72, 71, 70, 67
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17) 88, 89, 92, 94, 95
18) 34, 35, 38, 39, 41
19) 17, 18, 19, 20, 23, 24, 26
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3) 84, 90, 96, 98
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14) 16, 18, 20, 22, 24, 26, 32, 34, 36
15) 14, 16, 18, 24, 30, 32
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17) 40, 42, 44, 46, 48, 50, 56, 58

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3) 70, 68, 66, 58, 56, 54
4) 48, 46, 44, 34, 30
5) 82, 78, 74, 72, 70
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7) 64, 58, 52, 50, 48
8) 92, 90, 88, 86, 84, 82
9) 40, 38, 36, 30, 28, 26, 24
10) 92, 88, 84, 80, 76, 74
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12) 50, 46, 42, 38, 34
13) 58, 56, 54, 50, 48, 46, 44, 42
14) 32, 30, 28, 26, 24, 22, 18
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17) 34, 32, 28, 26, 22, 20, 18, 16

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13) 88, 84, 80, 76, 72
14) 52, 54, 56, 60, 62, 64, 66, 68
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16) 12, 16, 20, 22, 24, 26, 28, 30

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1) 58
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3) 82
4) 34
5) 26
6) 12
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8) 48
9) 40
10) 52
11) 80
12) 90
13) 14
14) 12
15) 4
16) 10
17) 76
18) 80
19) 24
20) 58
21) 88
22) 90
23) 64
24) 46
25) 68
26) 32
27) 8
28) 22
29) 46
30) 24
31) 98
32) 66
33) 32
34) 14
35) 96
36) 74
37) 6
38) 38
39) 54

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2) 44, 46, 52
3) 36, 30, 24, 22
4) 52, 50, 46, 44, 40, 38
5) 22, 24, 32, 34
6) 78, 76, 74, 68, 64
7) 46, 50, 54, 58, 62
8) 24, 22, 18, 14, 12
9) 54, 50, 48, 46, 44, 42
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13) 30, 32, 38, 40, 44
14) 18, 16, 10, 8, 4
15) 24, 22, 18, 12, 10
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19) 26, 24, 22, 20, 18, 16, 14, 12
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2) 65, 80, 95, 100
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4) 75, 80, 85, 100
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15) 5, 10, 15, 25, 30, 35, 45, 50
16) 60, 70, 75, 80, 85, 90, 95
17) 20, 35, 40, 45, 50, 55, 60, 65

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2) 70, 65, 60, 40, 35, 30
3) 60, 55, 50, 25, 15
4) 75, 65, 55, 50, 45
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6) 60, 45, 30, 25, 20
7) 80, 75, 70, 65, 60, 55
8) 35, 30, 25, 10, 5
9) 95, 85, 75, 65, 55, 50
10) 25, 20, 15, 5
11) 55, 45, 35, 25, 15
12) 65, 60, 55, 45, 40, 35, 30, 25
13) 50, 45, 40, 35, 30, 25, 15
14) 80, 75, 70, 55, 50
15) 70, 65, 60, 50, 45, 40, 35, 25
16) 50, 40, 35, 20, 15, 10, 5
17) 35, 30, 25, 20, 15, 10

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1) 35, 40, 45, 60, 65, 70
2) 45, 30, 15, 5
3) 35, 25, 15, 10, 5
4) 100, 85, 80, 75, 60
5) 65, 70, 75, 90, 95, 100
6) 45, 50, 65, 70, 75, 80
7) 55, 60, 65, 80, 85, 90
8) 55, 60, 65, 75, 85, 100
9) 80, 75, 70, 65, 60, 45
10) 30, 35, 40, 55, 60, 65
11) 40, 35, 30, 20, 10
12) 90, 80, 70, 60, 50
13) 40, 45, 50, 60, 65, 70, 75, 80
14) 65, 60, 55, 35, 30, 25
15) 60, 65, 70, 75, 90, 95, 100
16) 100, 95, 90, 85, 70, 65, 60, 55

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1) 60
2) 100
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4) 30
5) 30
6) 15
7) 50
8) 45
9) 40
10) 50
11) 85
12) 70
13) 95
14) 20
15) 10
16) 10
17) 5
18) 80
19) 90
20) 20
21) 55
22) 90
23) 85
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Addition & subtraction

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14	15	16	17	18	19	20	21	22	23	24

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5 birds + 4 frogs **= 9 animals**
7 footballs + 10 basketballs **= 17 balls**
5 women + 7 men **= 12 people**
6 squares + 2 triangles **= 8 shapes**
7 cars + 5 scooters **= 12 vehicles**
7 dogs + 7 cats **= 14 pets**
3 snakes + 12 tortoises **= 15 reptiles**
5 hammers + 16 saws **= 21 tools**
10 guitars + 8 trumpets **= 18 instruments**
9 smiles + 3 frowns **= 12 faces**

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Multiplication & division

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10 squares
18 circles
12 triangles
8 smiley face

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Three squares
Six circles
Four triangles
Five faces

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39) 60
40) 24
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42) 12
43) 30
44) 4

Fractions

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3) 7
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8) 4
9) 6
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4 circles shaded
3 squares shaded
5 triangles shaded
2 stars shaded
6 diamonds shaded
4 hearts shaded
3 clouds shaded
4 ducks shaded

4 segments shaded
8 segments shaded
8 segments shaded
3 segments shaded

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1) 2
2) 4
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5) 1
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7) 7
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2 circles shaded
3 squares shaded
4 triangles shaded
1 triangle shaded
3 diamonds shaded
2 hearts shaded
4 clouds shaded
6 ducks shaded

2 segments shaded
4 segments shaded
4 segments shaded
3 segments shaded

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27) 2, 1

Measurement

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Chefs
Shorter
Shorter
Taller
Taller
Shorter
Taller

Giraffes
Shorter
Shorter
Shorter
Shorter
Taller
Shorter

Rectangles
Shorter
Longer
Longer
Shorter
Shorter
Longer

Bags
Lighter
Double
A quarter
5kg
Heavier
Lighter

Lorries
Longer
Longer
Shorter
Shorter
Longer
Shorter

Page 83

Glasses
Half
Full
Empty
Half
A quarter
More

Cylinders
Twice
Less
A quarter
Half
Less
More

Boxes
More
Fewer
Smaller
Smaller
Fewer
Bigger

Bags
Bigger
More
Shorter
Fewer
More
Smaller

Jugs
Empty
Full
Half
Half
A quarter
More

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Cylinders
Half
Empty
A quarter
Half
Four times
More

Rectangles
Twice
Half
Shorter
A quarter
Twice
Four

Cubes
Twice
Half
Four
Two
Lighter
Lighter

Spheres
Heavier
Double
Two
Lighter
Half
Four

Squares
Bigger
Smaller
Four
Four
Smaller
Bigger

Page 85

1) Tuesday
2) Friday
3) 3
4) Friday
5) Sunday
6) Thursday
7) Saturday
8) Monday
9) 3
10) Wednesday
11) Sunday
12) Friday
13) Tuesday
14) Saturday
15) 7
16) 14
17) 10

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1) March
2) October
3) November
4) 14
5) 31
6) 31
7) February
8) 12
9) 120
10) 7
11) July
12) July
13) March
14) 2021
15) 2019
16) February
17) 365 (or 366 in a leap year)

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3
9
6
1
10
8
7
11
4

Page 88

4
8
7
1
6
2
11
10
9

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Long hand pointing to 12

Short hand pointing to number in bold

Page 90

Long hand pointing to 6
Short hand pointing just after the number in bold

Page 91

9
2
10
6
11
1
3
8
4

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(For o'clock)
Long hand pointing to 12
Short hand pointing to number in bold

(For half past)
Long hand pointing to 6
Short hand pointing just after the number in bold

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Triangles
More
Squares

12 circles
10 squares
14 triangles

7 circles
5 squares
7 triangles

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5cm
8cm
3cm
7cm
1cm
6cm
2cm
10cm

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1) 60
2) 60
3) 30
4) 24
5) 7
6) 14
7) 365
8) 366
9) 52
10) 5
11) 10
12) 11
13) 11
14) 3
15) 8
16) 10

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Top row
£2 50p 5p £5 1p £20

Bottom row
£10 20p £1 2p 10p £50

Geometry: properties of shapes

Page 98

4 circles
2 squares
2 rectangles *(or 4 rectangles if they're counting squares as a type of rectangle)*
3 triangles
11 shapes

7 circles
5 squares
5 rectangles (or 10)
6 triangles
23 shapes

8 circles
4 squares
3 rectangles (or 7)
10 triangles
25 shapes

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1) 4
2) 3
3) 1
4) 4
5) Rectangle
6) Circle
7) Circle
8) Circle
9) Rectangle
10) Rectangle
11) Rectangle
12) Rectangle
13) Rectangle

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Cube
Pyramid
Cuboid
Sphere

Geometry: position & direction

Page 102

Left
Up
Down
Right
On top of
Next to
Inside

Page 103

Outside
Close to
Far from
Left
Right
Between
Behind
On top of

Page 104

Half turn
Quarter turn
Three-quarter turn
Three-quarter turn
Half turn
Whole turn
Quarter turn