Key Stage 1
SATs style Reasoning Test 2

(New Curriculum)

First name	
Middle name	
Last name	
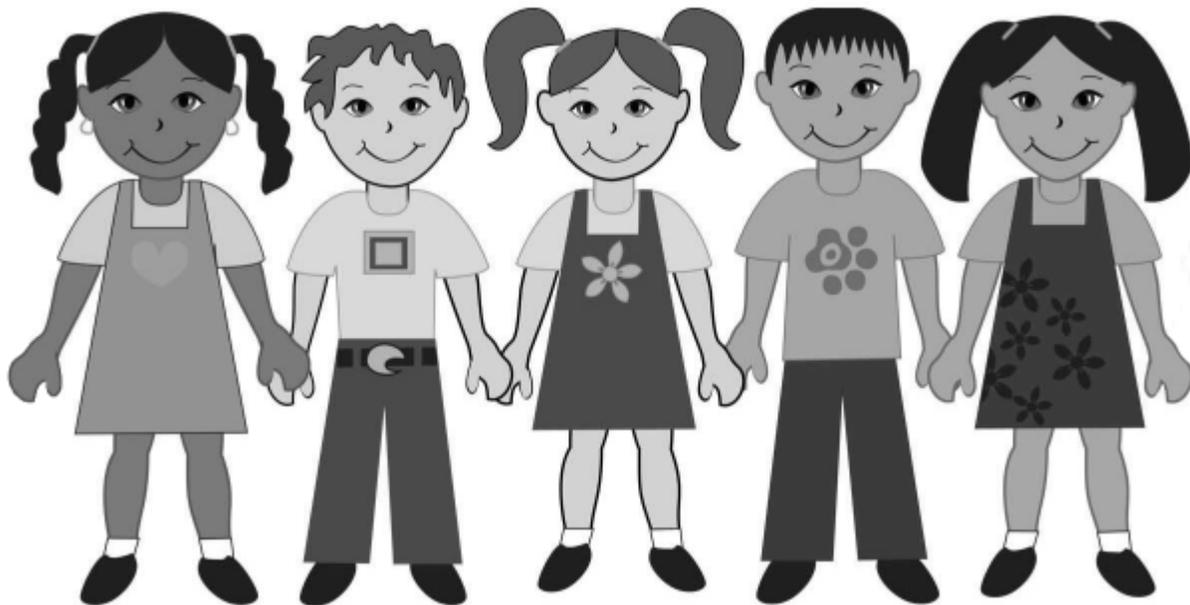
Claudia   Corbin   Ella   Jun   Tam

17   71

1

2
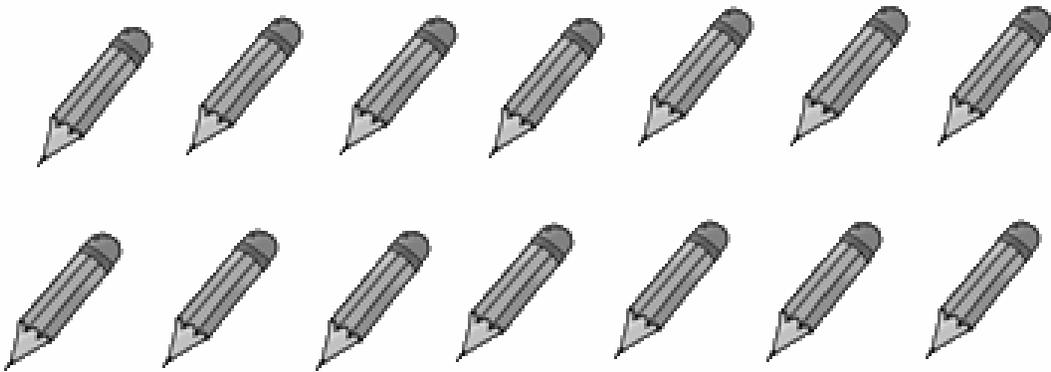
3

2.3kg   1.3m   1.3l   2.3°C

4
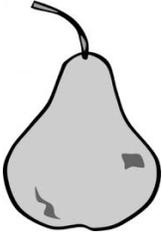
20p
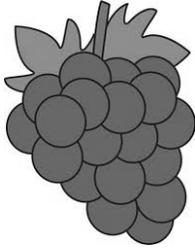
30p

10p

5

6 Claudia draws round the bottom of a cone.
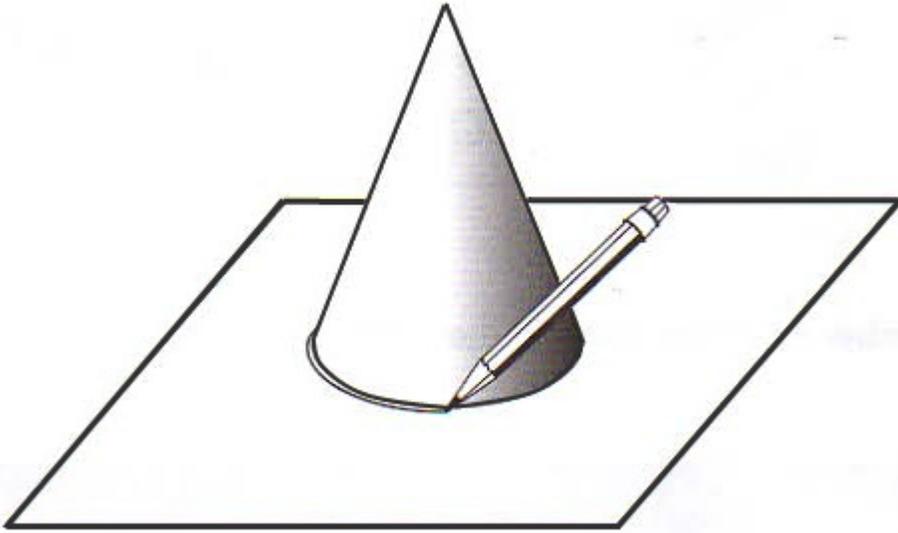
Tick (✓) the shape that Claudia draws.
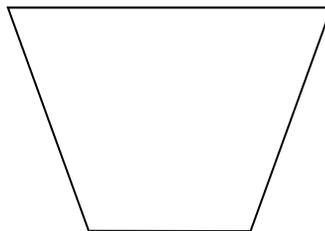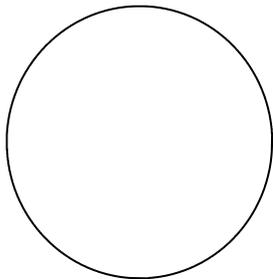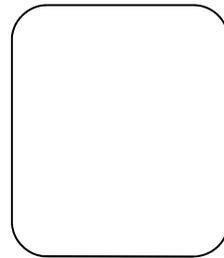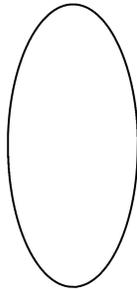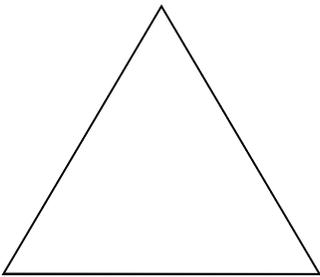
7 Ella was counting in **twos**.   She started at **11** and finished at one of the numbers below. Which one?

Circle your answer.

14   16   12   15

8 Put the numbers below in the correct boxes on the number line.

58   45   24   32

```
20          30          40          50          60
```

[ ]   [ ]   [ ]   [ ]
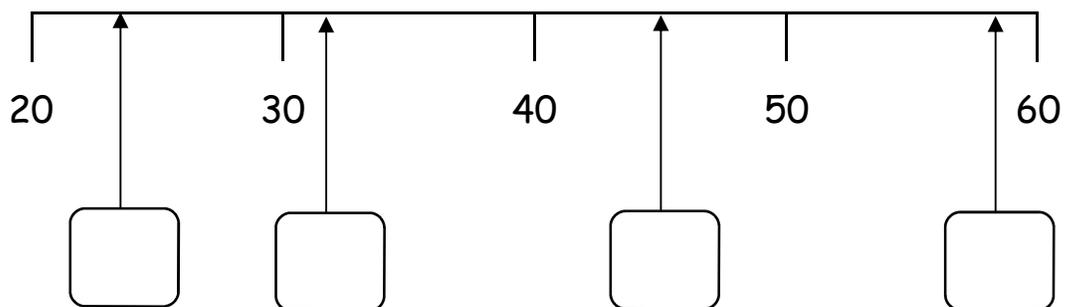
9 Look at the sequence of shapes below.
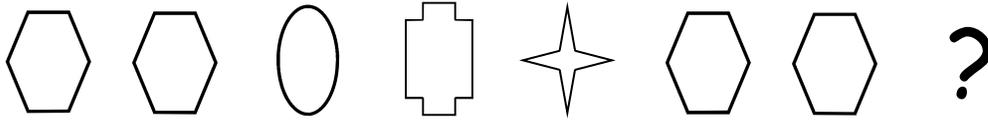
Which shape is next in the pattern?

Tick (✓) your answer.
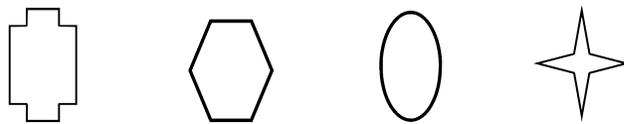
10 Write the three missing numbers in this pattern.

21

18

15

9

3

0
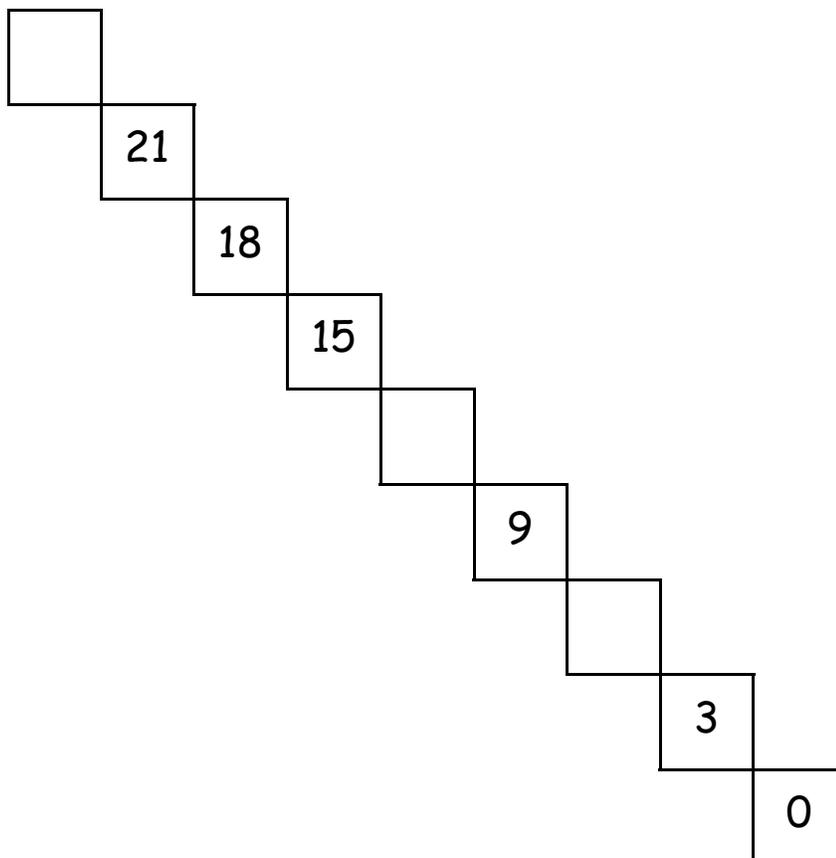
11 Use a ruler to measure the height of the caterpillar.
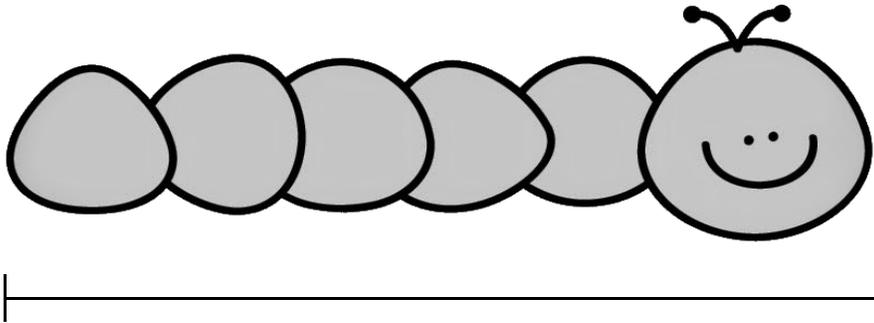
[   ] cm

○

12 Ella shared **9** cherries between **3** children.

Did they each get an **odd** or an **even** number of cherries?

Tick (✓) your answer. [   ] or [   ]

○

13

Jun has 15 biscuits.
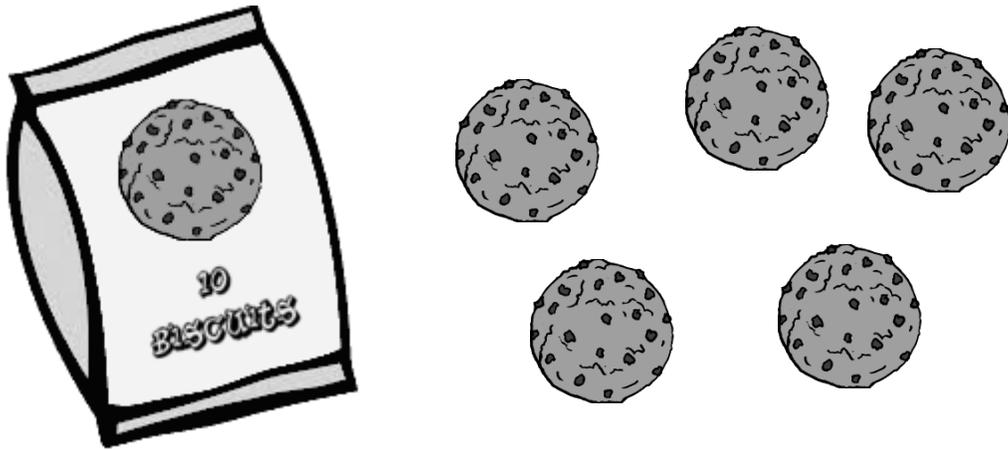
Here are Ella's biscuits.

How many biscuits does Ella have?

biscuits
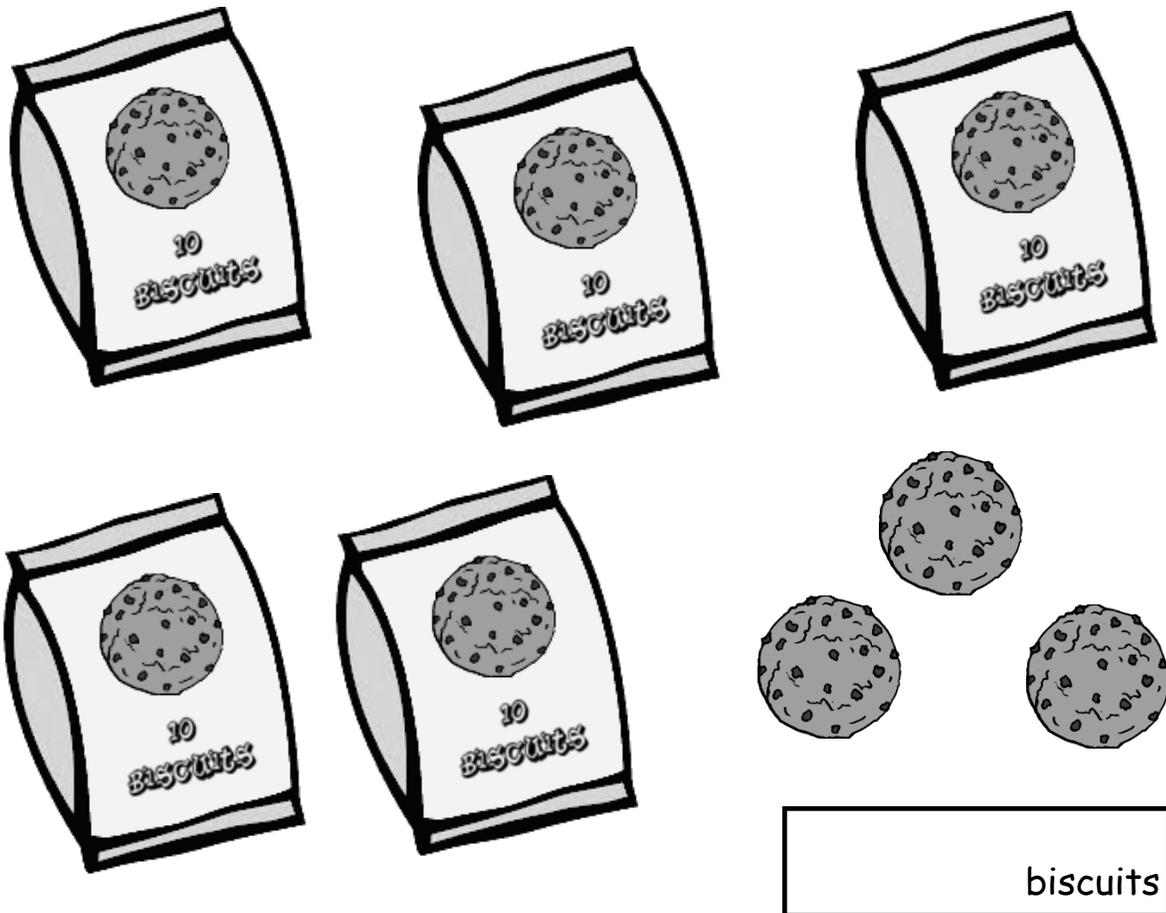
Draw lines to match the 3D shapes to their properties.

1 curved face
and no vertices
or edges.
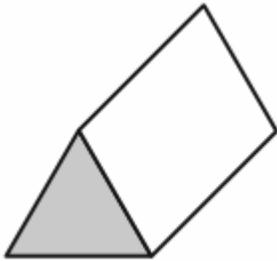
1 circular face
and 1 vertex.
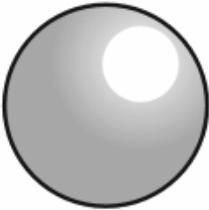
6 square faces
and 8 vertices.
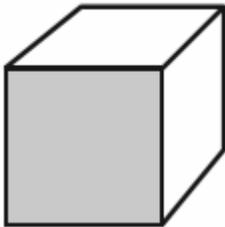
2 triangular faces and
6 vertices.
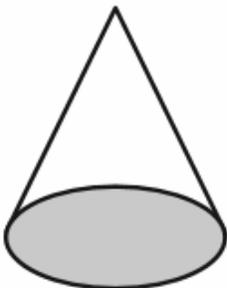
6 rectangular faces
and 12 edges.

15 Jun has **58p**. He spent **8p** on a doughnut and **20p** on a fizzy drink.

8p

20p

How much did he have left?

p

16 Tick (✓) the two shapes that show $\frac{2}{4}$ is equivalent to $\frac{1}{2}$.
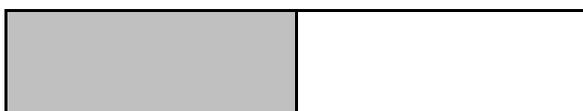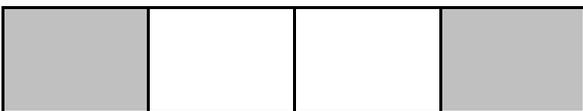
17 The weighing scales below show the weight of some feathers and the weight of an apple..

Tick (√) the scales that show the **heavier** weight.
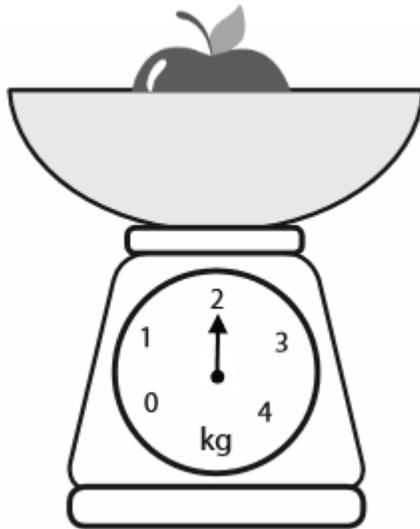
18 This block graph show the number of stamps collected by five children.

number of stamps

10 —
8 —
6 —
4 —
2 —
0 —

Tam   Claudia   Corbin   Ella   Jun

children
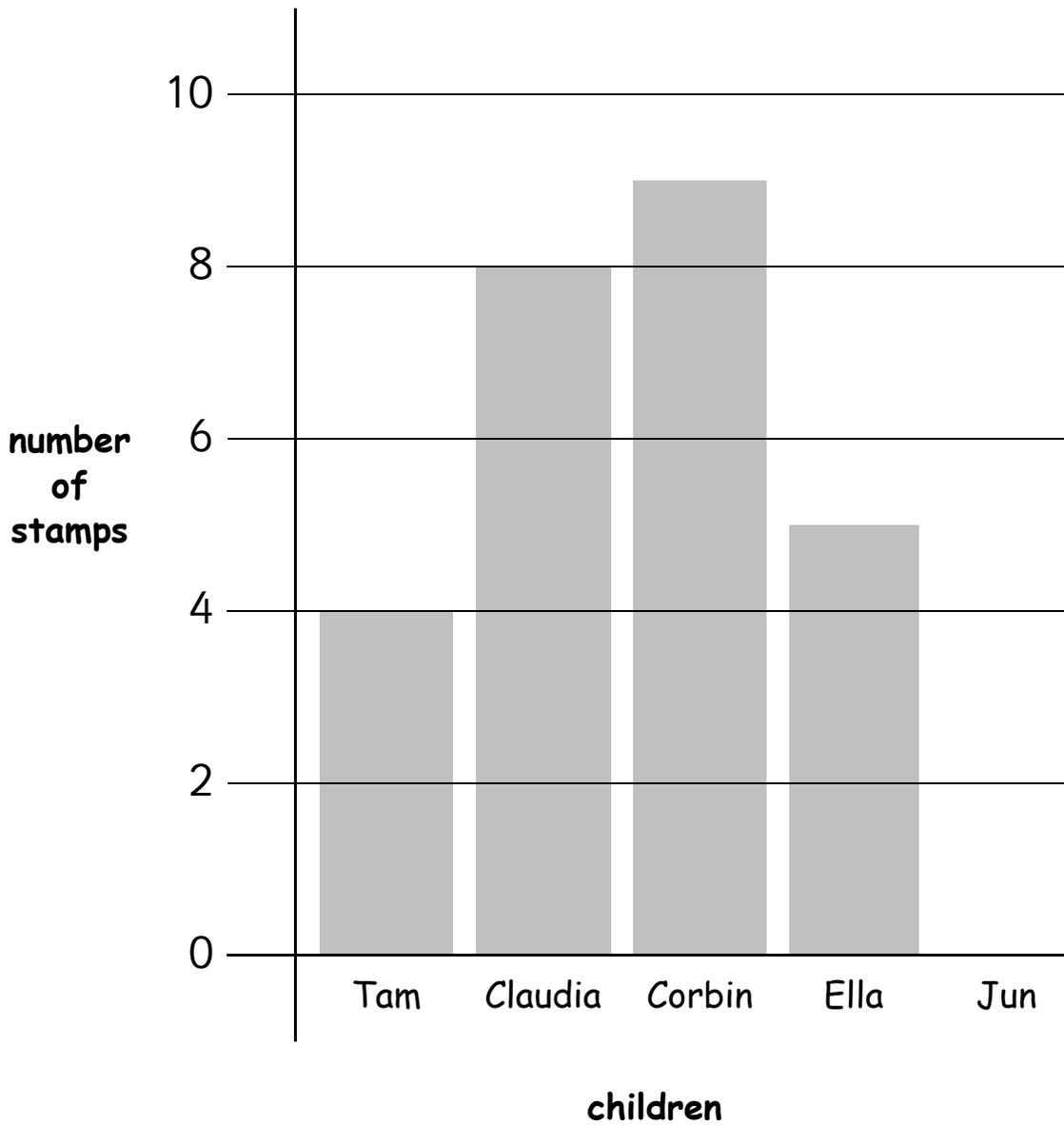
a) Jun collected **7** stamps. Draw the bar on the graph to show how many stamps Jun collected.

b) Claudia collected more stamps than Tam. How many more?

19 Corbin buys a cupcake for **75p**

a) Tick (√) **three** coins to show how Corbin can make **75p**.

b) Tick (√) **four** coins to show another way to make **75p**.

20 Look at the number line.

Write the correct number in the box.

10   30   50
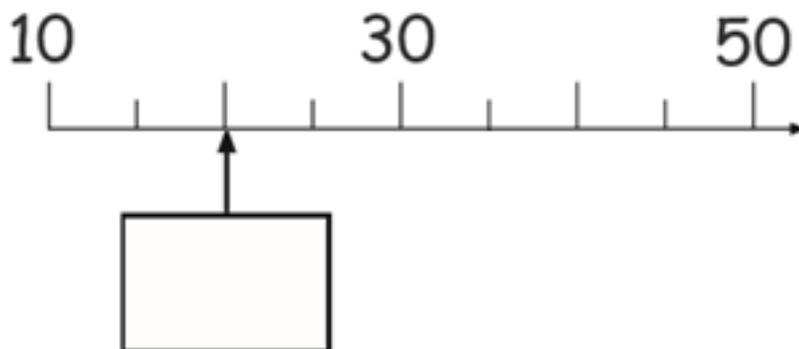
21 Draw a line of symmetry on each of these shapes.
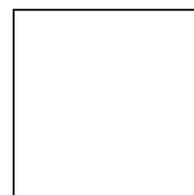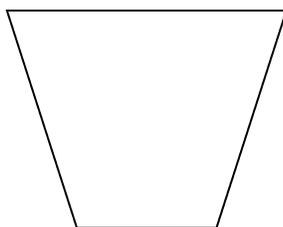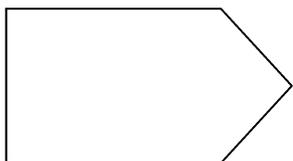
Any of the lines shown above.

22 Tam collects **5** bags of marbles.

There are **10** marbles in each bag.

She loses **4** of her marbles.

How many marbles are left?

Show
Your
working

marbles

23 Claudia writes an answer to the calculation below.

$$51 - 25 = \boxed{26}$$

Tick the calculations that are the inverse of Claudia's calculation.

$$\boxed{26} + \boxed{25} = \boxed{51}$$

$$\boxed{51} + \boxed{25} = \boxed{51}$$

$$\boxed{26} + \boxed{51} = \boxed{51}$$

$$\boxed{25} + \boxed{26} = \boxed{51}$$

24 Write a digit in each box to make the sum correct.

$$\boxed{1\ } \times \boxed{} = \boxed{2\ 2}$$

25 Draw the minute hand on the clock to show

twenty to eleven.
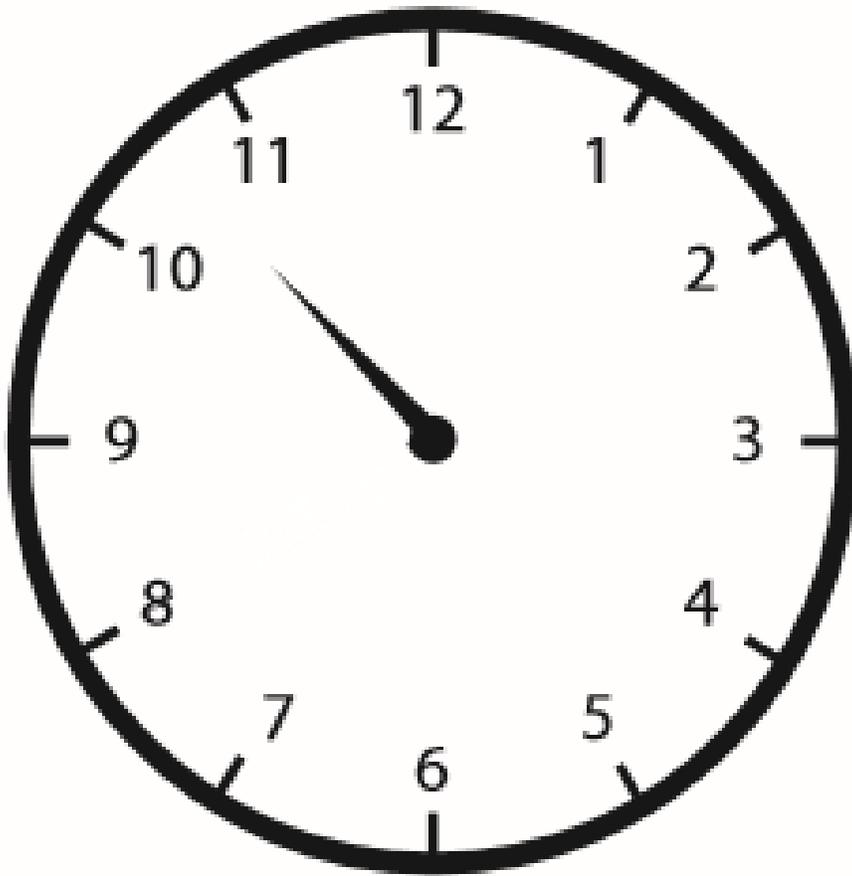
26 Ella has **35** crayons.

She must share her crayons equally between **5** children.

Tick (✓) the calculation that will show her how many crayons to give each child.

Tick **one**

35 + 5

35 - 5

35 x 5

35 ÷ 5
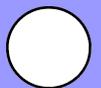
27 Corbin and Jun are collecting conkers.

Corbin has **12** conkers and Jun has **6** conkers.

Corbin decides to give some conkers to Jun so that they both have the **same** number of conkers.

How many conkers does Corbin give to Jun?

Show Your working

conkers

28 Look at the amounts of water in container **A** and container **B**.

Container A

50 ml
40 ml
30 ml
20 ml
10 ml

Container B

50 ml
40 ml
30 ml
20 ml
10 ml
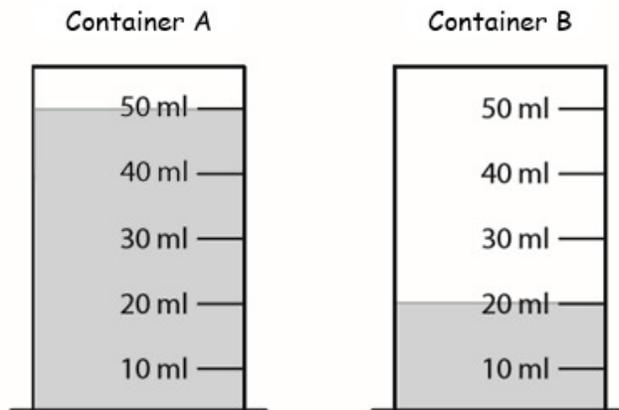
How much water is in container
A and container **B** altogether?

ml

⭘

29 Look at the signs < > =

Put one of the signs in each of the boxes below

75 | = | 75

67 | < | 76

84 | > | 48

⭘
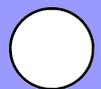
30 Do these calculations have the same answer?

Write **yes** or **no** next to each box.

One is done for you.

yes or **no**?

20 + 40 and 40 + 20

_____

5 x 4 and 4 x 5

_____

30 – 4 and 4 – 30

_____

12 ÷ 3 and 3 ÷ 12

_____

31 Use the digit cards to complete this addition calculation.

| 3 | 6 | 9 |
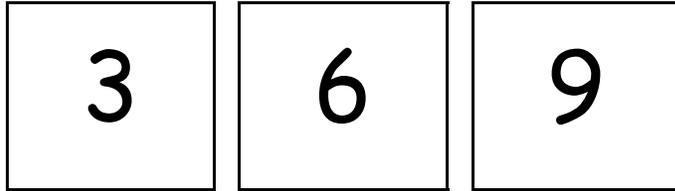
$\boxed{}\boxed{}$ + $\boxed{}$ = 45

◯

32 Complete the number sentence below.

4 x 5 = 2 x $\boxed{}$

◯

END OF TEST