

Key Stage 1
SATs style Reasoning Test 3
(New Curriculum)

| | |
|-------------|--|
| First name | |
| Middle name | |
| Last name | |



Jing James Tammy John Ada

Practice question

12

21

1



2

10

10

10

10

10

10







10

10

10

10

10



3



1.3kg

1.3m

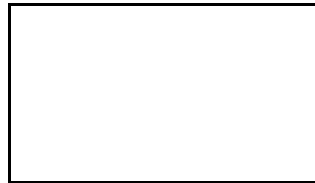
1.3l

2.3°C

4

30

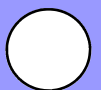
8



5

30

40



6

Match the numbers to the words.

One has been done for you.

105

sixty seven

67

nineteen

480

one hundred and five

19

twenty two

22

four hundred and eighty



7

Jing was counting in **fives**. He started at **15** and finished at one of the numbers below. Which one?

Circle your answer.

26

52

14

35

8

I have **19** marbles.

I have **4 more**
marbles than
James.



James

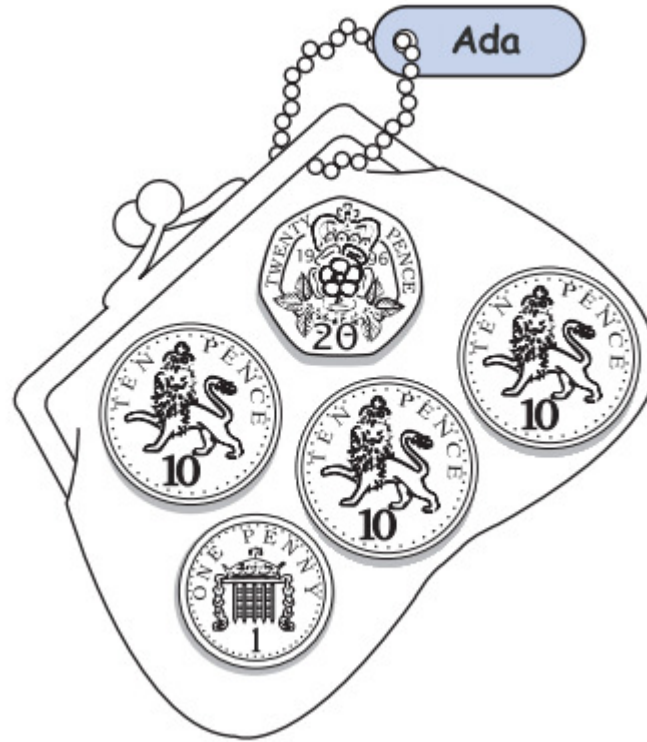
Tammy

How many marbles does Tammy have?

marbles

9

Ada has these coins in her purse.

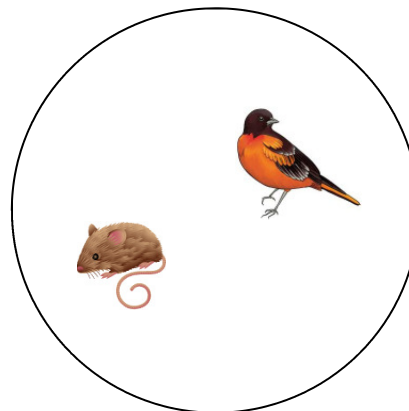
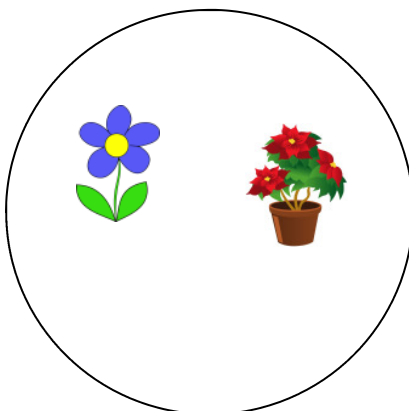


How much is in Ada's purse?

 p

10

Draw arrows from the snail, the tree and the fish to the circles where they fit best.



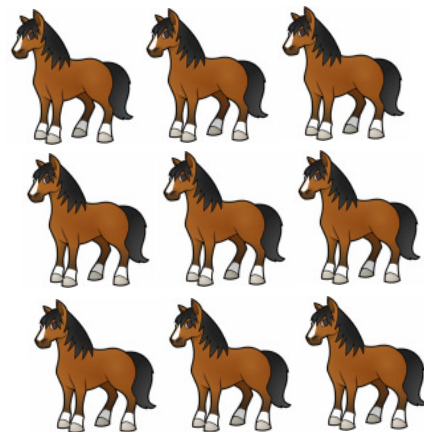
11

Use a ruler to measure the length of the feather.

 cm

12

Count the number of rabbits and the number of horses below.



What is the **difference** between the number of rabbits and the number of horses?

13

Write two numbers to make this calculation correct.

$$\square + \square = \square 28$$

Now write three numbers to make this calculation correct

$$\square + \square + \square = \square 28$$

14

A pet shop owner has some rabbits to sell.

He sells half of the rabbits.

He has six rabbits left.

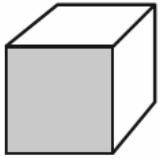
How many rabbits did the pet shop owner start with?

rabbits

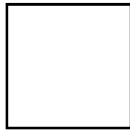
15

Look at the shapes below. They are labelled from A to E

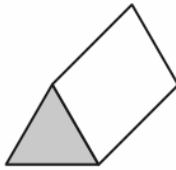
Write the letters in the correct parts of the Carrol diagram.



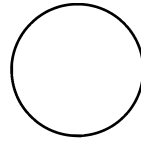
A



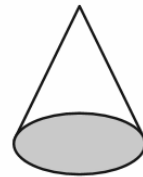
B



C



D



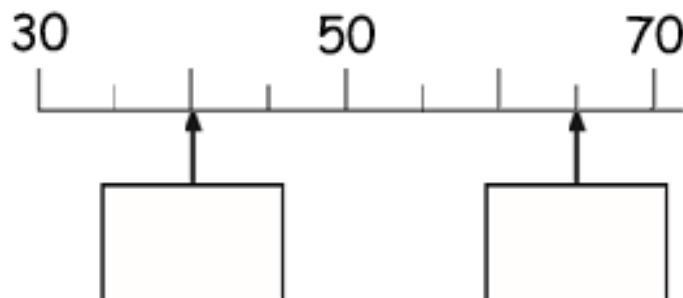
E

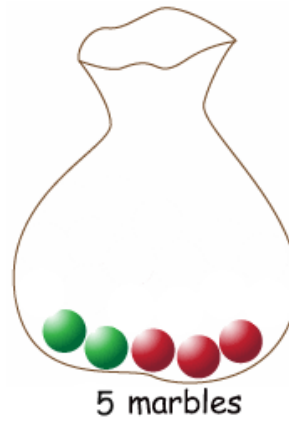
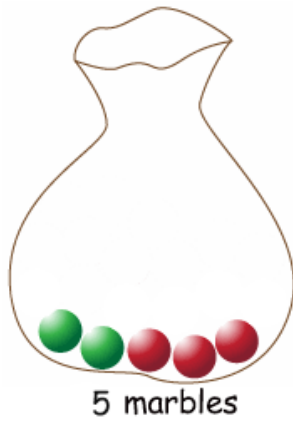
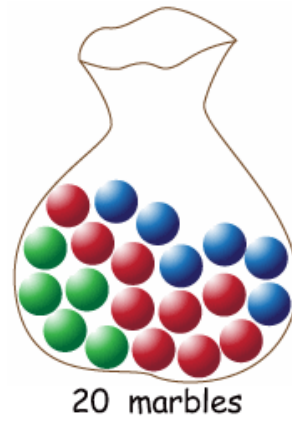
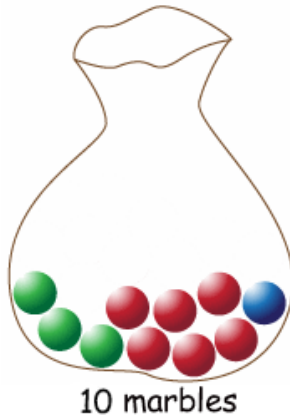
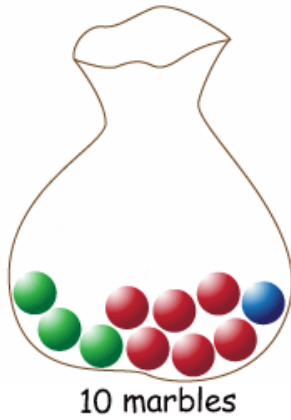
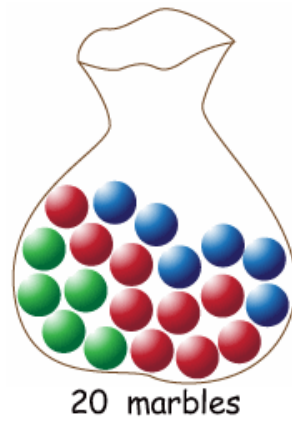
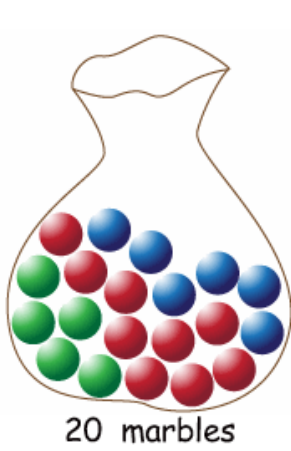
| | all straight sides or edges | not all straight sides or edges |
|----------|-----------------------------|---------------------------------|
| 3D shape | | |
| 2D shape | | |

16

Look at the line.

Write the correct number in each box.





James and John shared these marbles out equally

How many marbles do they each get?

marbles



18

Mrs Mulroy shared **25** cherries between **5** children.

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

Tick (✓) your answer.

odd

or

even

19

Farmer Giles needs **40** carrots for his goats.

There are **5** carrots in each bag.

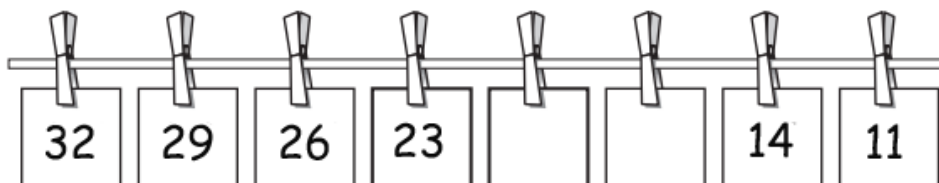


How many **bags** of carrots does Farmer Giles need altogether?

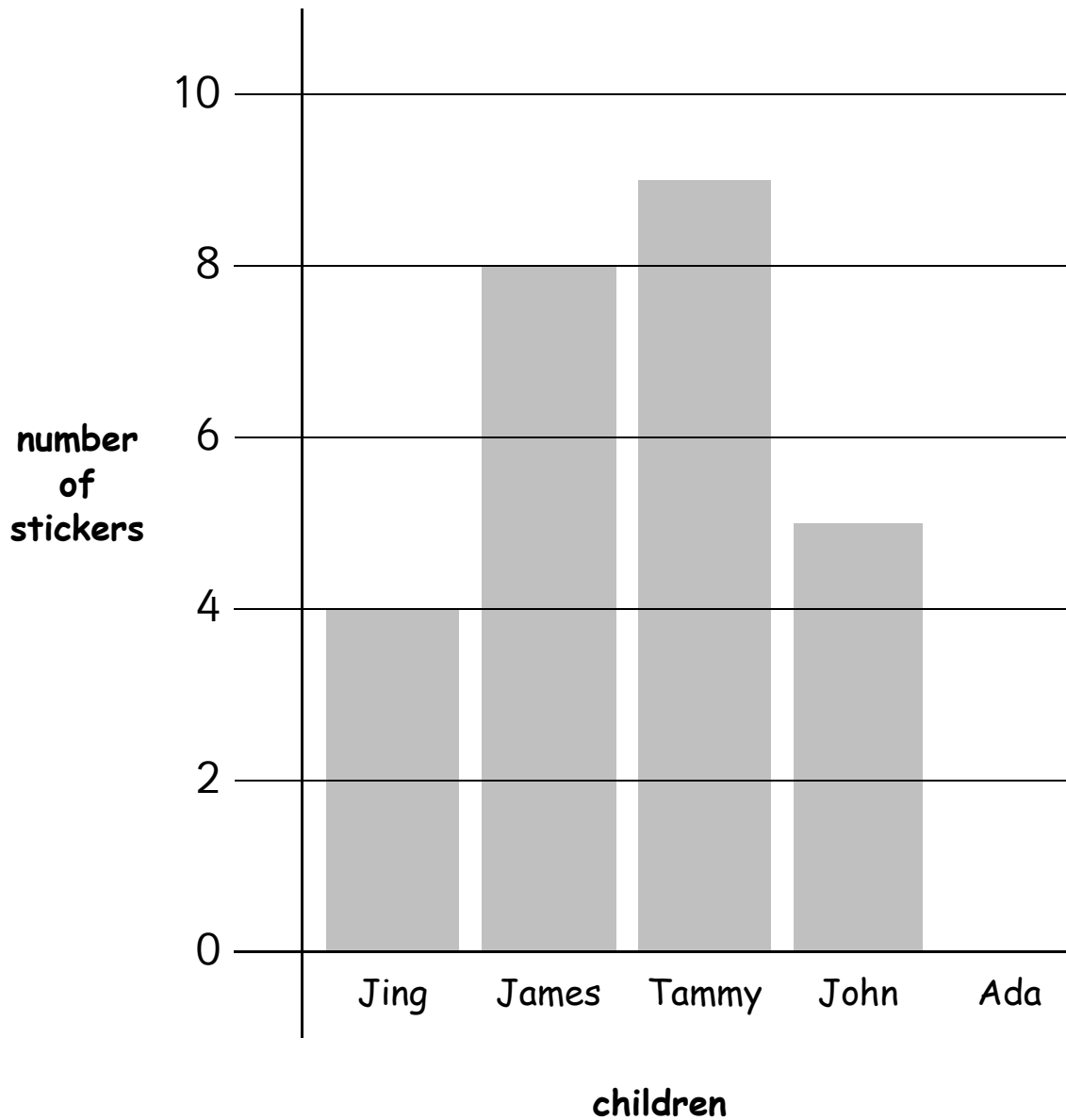
bags

20

Write the missing numbers in this sequence.



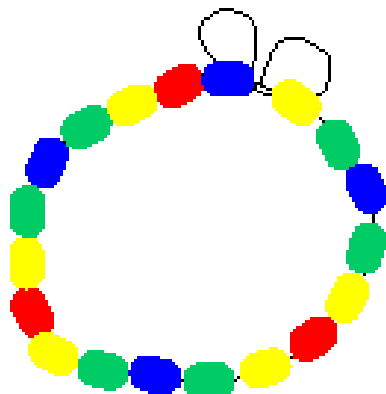
This block graph shows the number of stickers collected by five children.



a) Ada collected **3** stickers. Draw the bar on the graph to show how many stamps Ada collected.

b) James collected more stamps than Ada. How many more?

Tammy buys a bracelet for 85p



a) Tick (✓) **four** coins to show how Corbin can make 85p.

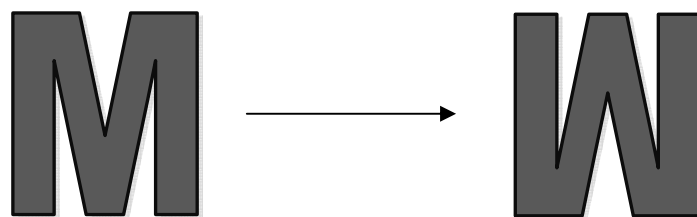


b) Tick (✓) **five** coins to show another way to make 85p.



23

The letter **M** is rotated **clockwise**.



How much is the letter **M** rotated?

Circle your answer.

quarter
turn

half
turn

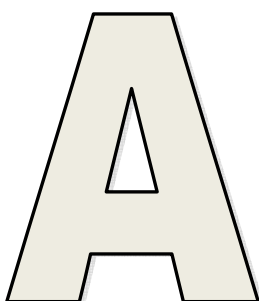
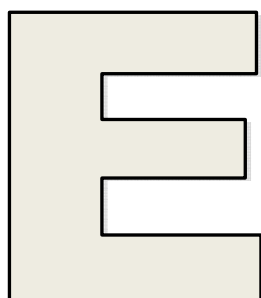
three-quarter
turn

full
turn



24

Draw a line of symmetry on each of these letter shapes.



Ada collects 6 bags of pennies

There are 10 pennies in each bag.

She loses 6 of her pennies.



How many pennies are left?

Show
Your
working

pennies

John writes an answer to the calculation below.

$$73 - 26 = \boxed{47}$$

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

$$\boxed{47} + \boxed{26} = \boxed{73}$$

$$\boxed{62} + \boxed{37} = \boxed{73}$$

$$\boxed{26} + \boxed{37} = \boxed{73}$$

$$\boxed{26} + \boxed{47} = \boxed{73}$$

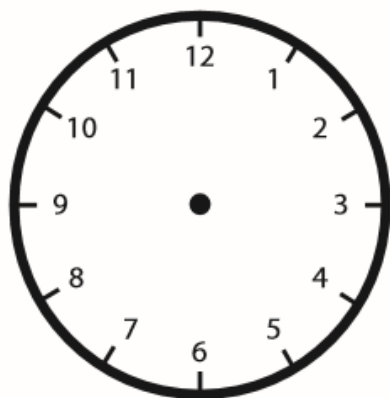
Write a digit in each box to make the sum correct.

$$\begin{array}{|c|c|} \hline 2 & \\ \hline \end{array} \times \begin{array}{|c|} \hline \\ \hline \end{array} = \begin{array}{|c|c|} \hline 4 & 2 \\ \hline \end{array}$$

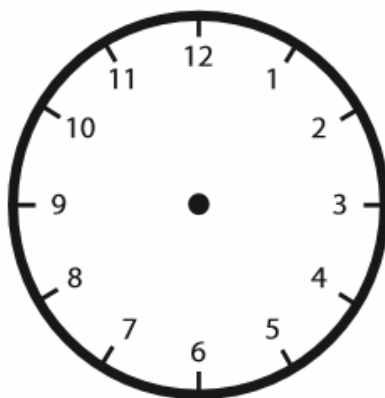
28

Draw the hands on the clocks to show these times.

quarter to eleven

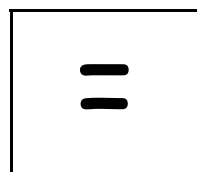
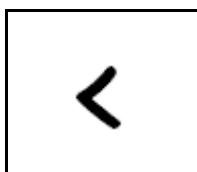
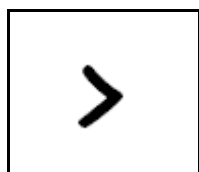


twenty past two



29

Here are some signs.



Write the correct sign in each box.

$5 + 5$



5×3

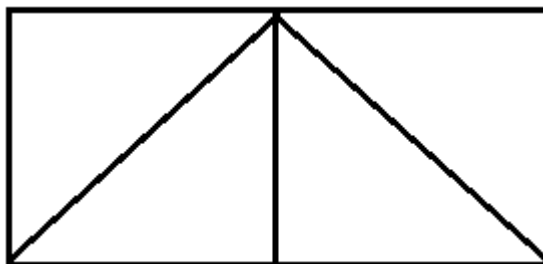
9×5



$8 + 8$

Shade the fractions of the shapes.

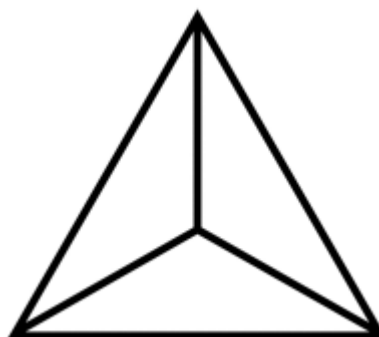
Shade $\frac{3}{4}$



Shade $\frac{1}{2}$



Shade $\frac{1}{3}$



END OF TEST