

1 Fill in the missing numbers.

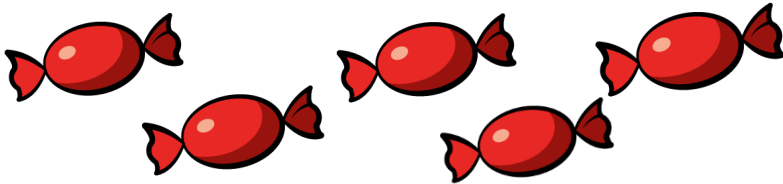
10 less than 46 is

more than 30 is 35

2

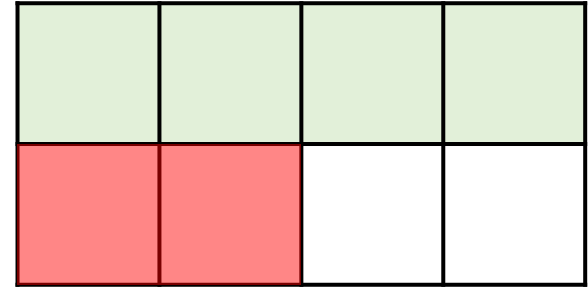


This is half of
my sweets



How many sweets does Teddy have?

3 Lucy shades in part of a rectangle.



She shades some more squares.

$\frac{3}{4}$ of the rectangle is now shaded.

How many more squares did Lucy shade?

- 1** Ron has these digit cards.

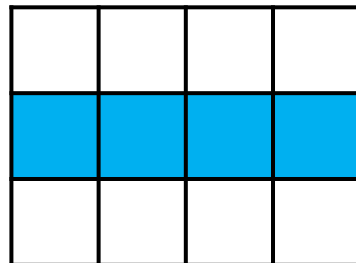


He uses two of the cards to make a 2-digit number.

How many even 2-digit numbers can he make?

- 2** One third of the shape is shaded.

True or false?



- 3** Tick all the calculations that have an answer greater than 40

$$43 + 39$$

$$35 - 6$$

$$23 + 28$$

$$10 \times 7$$

$$24 \div 2$$

Did you tick any without working them out?

- 1** Which of these numbers is closest to 10?

3

13

Which of these numbers is closest to 50?

75

28

- 2** What are the missing numbers?

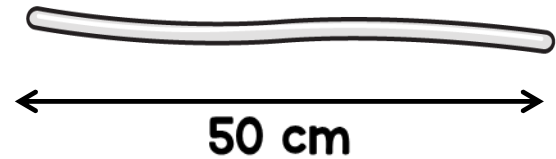
$$64 = 10 + \boxed{}$$

$$39 = 100 - \boxed{}$$

- 3** Annie has an 80 cm piece of wire.



She cuts the wire into two pieces.
The long piece is 50 cm long.



She cuts the smaller piece into 2 more pieces of equal size.

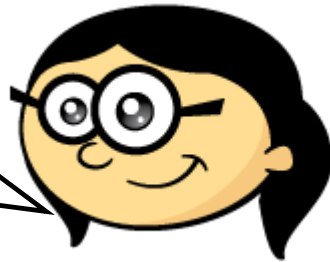
How long is one of these pieces?

1 What are the missing digits?

$$\begin{array}{|c|c|} \hline 3 & \square \\ \hline \end{array} + \begin{array}{|c|c|} \hline \square & 5 \\ \hline \end{array} = \begin{array}{|c|c|} \hline 7 & 6 \\ \hline \end{array}$$

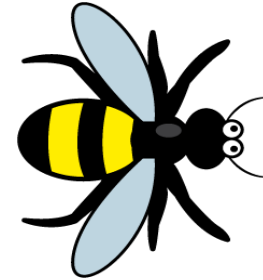
2 Annie and Ron each think of a number.

I'm thinking of the number 6

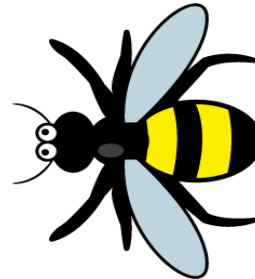
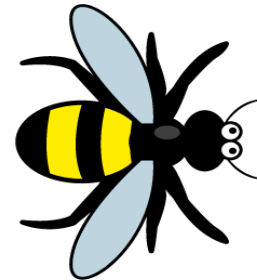


The sum of their numbers is 25
What is Ron's number?

3 The bee makes a half turn.



Which way is the bee now facing?



- 1 There are 5 marbles in a bag.



Ron has 10 bags of marbles.

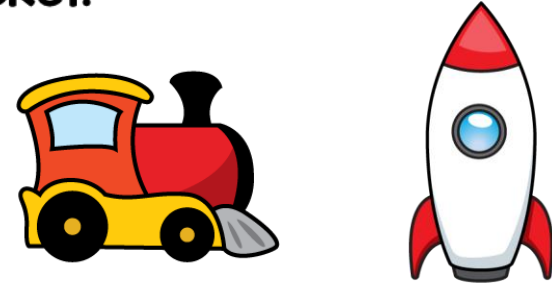
He puts 1 more marble in each bag.

How many marbles are there in total now?

- 2 Work out the missing digit.

$$\boxed{5} + \boxed{} + \boxed{4} = 16$$

- 3 A toy train costs £4 more than a rocket.



The train costs £15

How much do the train and the rocket cost in total?

- 1 Here is how much it costs to go to the zoo.



Mr Jones and his 3 children go to the zoo.

How much does it cost them altogether?

- 2 If

$$\triangle + \triangle = 12$$

$$\heartsuit + \triangle = 19$$

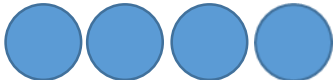

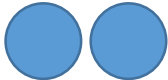
What is the value of \heartsuit ?

- 3 What are the missing numbers?

$$\square \times 10 = 40$$

$$\square \div 10 = 7$$

- 1 The pictogram shows the number of children who walk to school each day.

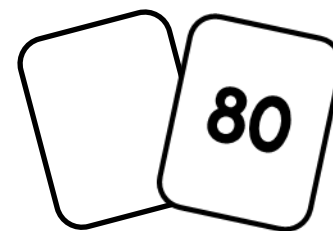
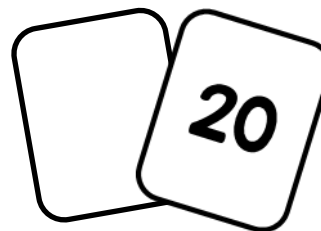
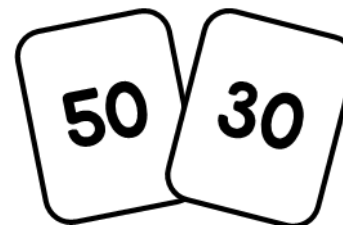
| | |
|-----------|-----------------------------------------------------------------------------------|
| Monday |  |
| Tuesday |  |
| Wednesday |  |

 = 2 children

There are 20 children in the class.

How many children did not walk to school on Tuesday?

- 2 These pairs of numbers all have the same total.



Work out the missing numbers.

1 Mary makes toys

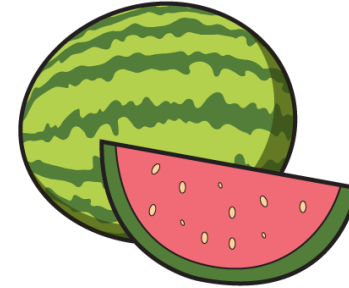
- On Monday she makes 7 toys.
- On Tuesday she makes 8 toys.

By Wednesday she has to make 20 toys in total.

How many toys does Mary need to make on Wednesday?



2 Tom has £20



Melon
£2 each

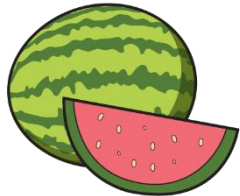
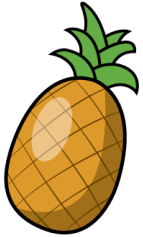
He buys 7 melons.

How much money does he have left?

3 Circle 3 numbers that sum to 12

6 5 4 3 2 1

- 1 The cost of a pineapple is twice the cost of a melon.



£4 each

How much do the pineapple and melon cost altogether?

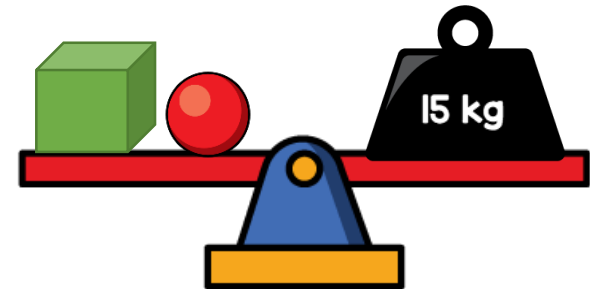
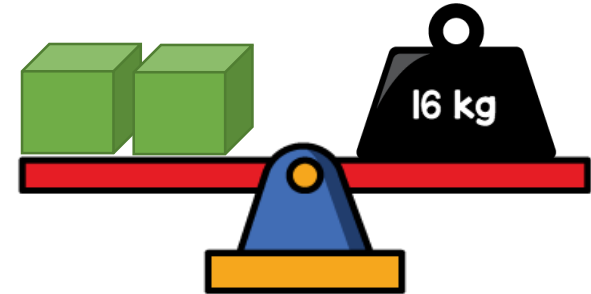
- 2 Tommy thinks of a two-digit number.

My number ends in a 5



Does Tommy's number have to be odd? Explain your answer.

- 3 Gina balances some scales.



What is the mass of the sphere?

- 1 Here are some digit cards.



Mary makes a 2-digit number using two of the cards.

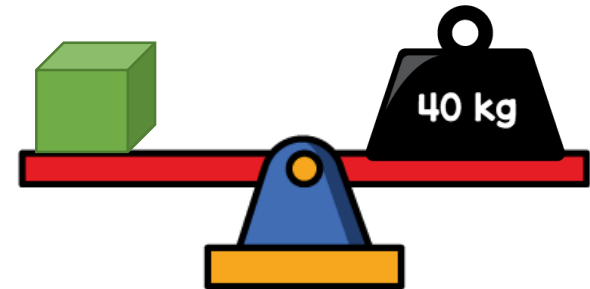
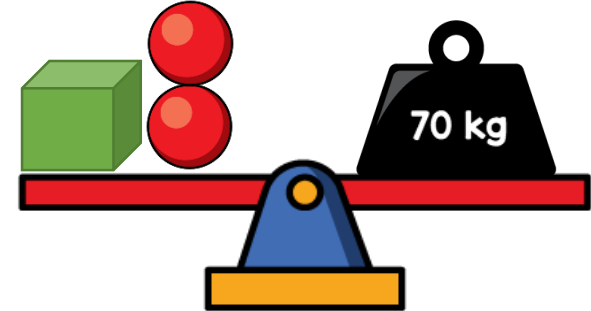
How many different numbers can she make?

- 2 Complete the number sentences.

$$60 + \boxed{} = 79$$

$$15 + 12 = 12 + \boxed{}$$

- 3 Tom balances some scales.



What is the mass of the sphere?

- 1 Use $<$, $>$ or $=$ to make these number sentences correct.

$$5 \times 7 \bigcirc 40$$

$$6 \times 2 \bigcirc 7 \times 2$$

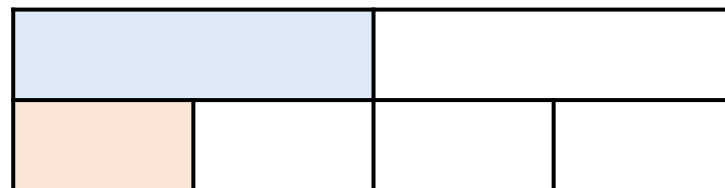
$$10 \div 2 \bigcirc 12 \div 2$$

- 2 There are 50 children in a school.
15 of the children are girls.
How many more boys than girls are in the school?

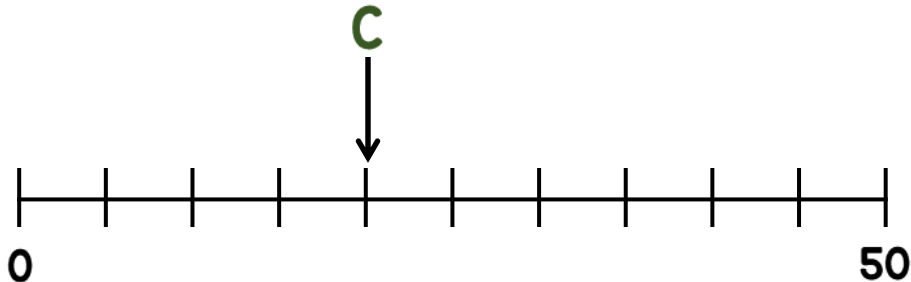
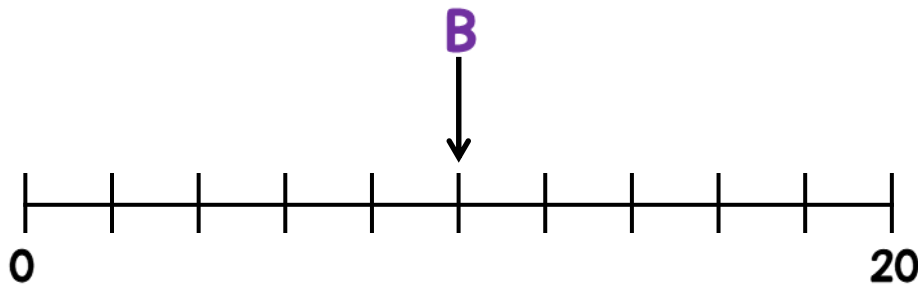
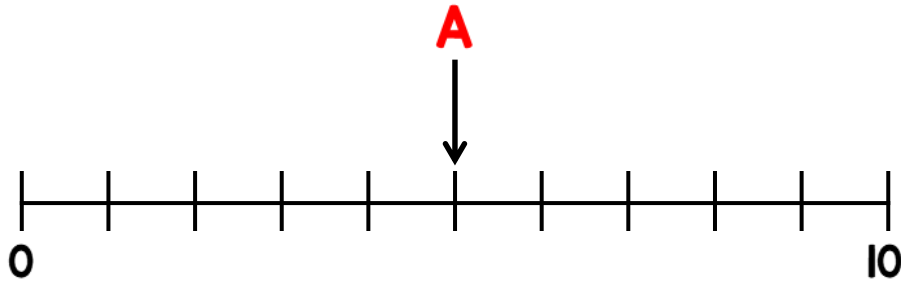
- 3 Mr Patel writes a number on the board.

- Lee finds $\frac{1}{2}$ of the number.
- Kim finds $\frac{1}{4}$ of the number.
- Lee's answer is 5 more than Kim's.

What is the number Mr Patel started with? This bar model may help you.

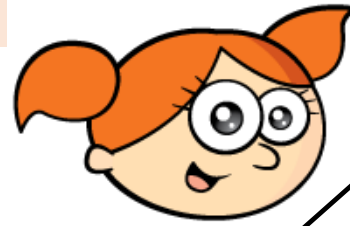


- 1 Given that $A + B = C$
Draw an arrow pointing to C



- 2 Amir has a box of 50 counters.
12 of the counters are red.
17 of the counters are blue.
The rest of the counters are yellow.
Which coloured counter are there more of?

3



When I share my stickers between me and my 4 friends, we all get 7 stickers.

How many stickers did Lisa share out?

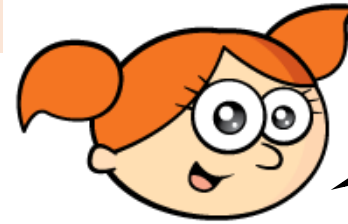
- 1** Sam has £50
He buys this cap and jumper with his money.



How much money does he have left?

- 2** One half of a number is 6
What is double the number?

3



I have 42
stickers

I have 60
stickers



Mo gives Alex some stickers.
They now have the same number
of stickers.

How many stickers does Mo give
Alex?

1 Which of these are equal to 15?

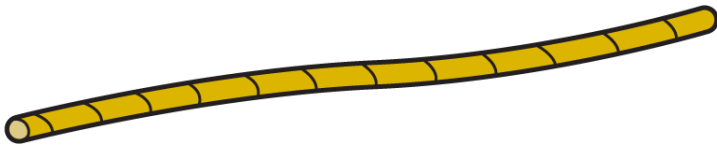
$$10 + 5$$

$$5 + 5 + 5$$

$$20 - 5$$

$$1 + 5$$

2 A rope measures 30 metres.



The rope is cut into 10 equal sized pieces.

What is the total length of 5 of these pieces?

3 Danny has two boxes of sweets.



He puts the sweets into smaller bags.

There are 5 in each bag.

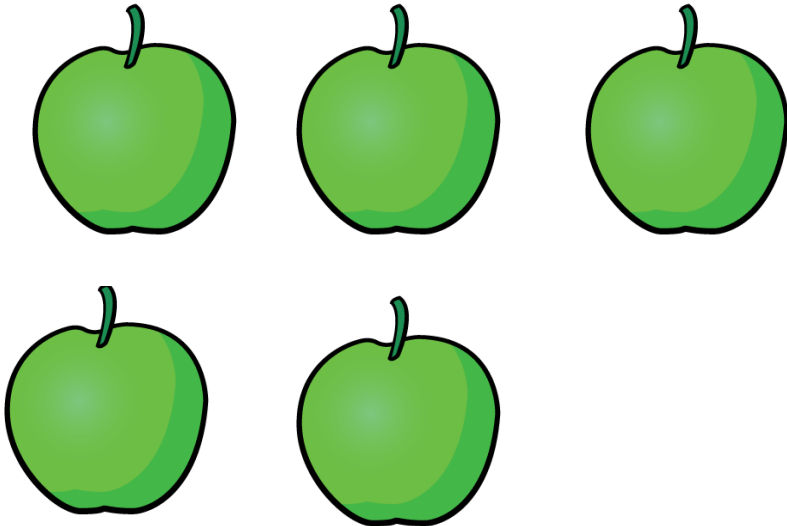


How many bags can Danny fill using all the sweets?

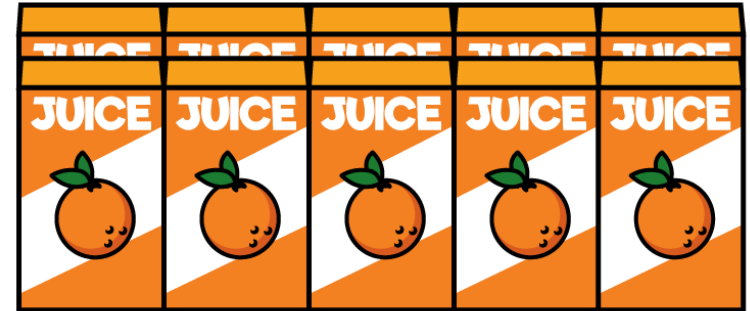
1 In a box

- $\frac{1}{4}$ of the apples are green.
- The rest are red.
- There are 5 green apples.

How many apples are red?



2 Amir has 10 cartons of juice.



Each carton holds 2 litres of juice.

How much juice is in 7 cartons?

1 Here are 3 number patterns.

| | | | | | | |
|---|---|----|----|----|--|----|
| 0 | 5 | 10 | 15 | 20 | | 30 |
|---|---|----|----|----|--|----|

| | | | | | | |
|----|----|--|----|----|----|----|
| 27 | 37 | | 57 | 67 | 77 | 87 |
|----|----|--|----|----|----|----|

| | | | | | | |
|----|----|----|----|--|----|----|
| 32 | 30 | 28 | 26 | | 22 | 20 |
|----|----|----|----|--|----|----|

What is the sum of the three missing numbers?

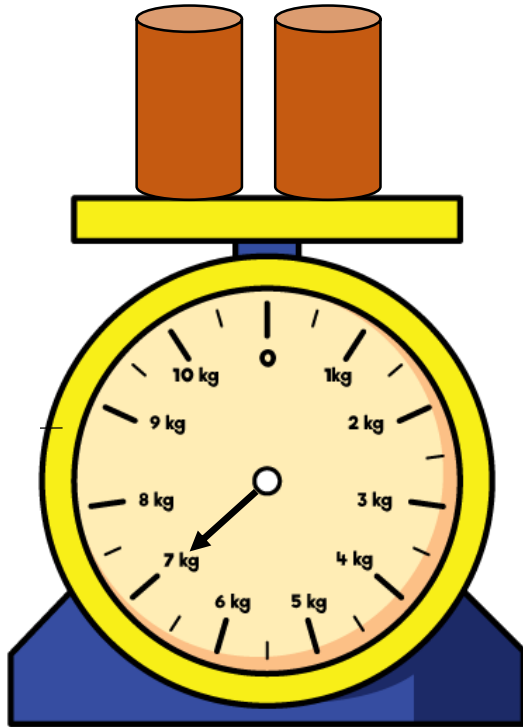
2 Work out the value of each symbol.

$$\triangle + \triangle = 18$$

$$\triangle + \diamond = 30$$

$$\star - \diamond = 10$$

- 1 Mary measures the mass of 2 cylinders.



What is the mass of 10 of these cylinders?

- 2 Jack and Dora each have some money.



I spent half of my money.

I spent £12



They have the same amount left.

Dora spent £20

How much money did Jack have at the start?

- 1 Tim has two packs of pop.
Each pack holds 24 cans.

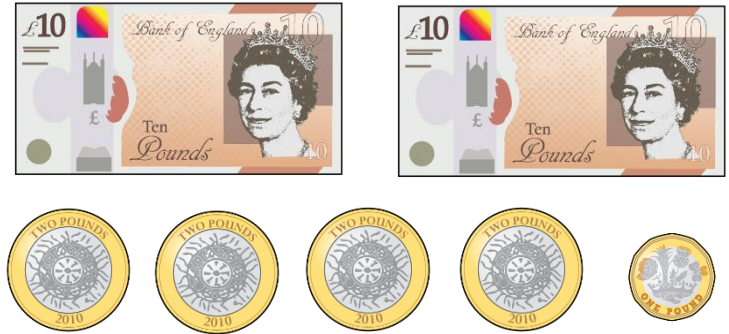


Sally has five smaller packs.
Each of her packs holds 6 cans.



How many more cans of pop does
Tim have?

- 2 Here is some money.



The money is shared between 5
girls and 2 boys.

Each girl receives £3

How much money does each boy
receive?

1 Mo has six 5p coins.



He also has five 10p coins.



He buys this lolly.

How much money does he have left?



2 Mrs Green bakes muffins.
She sells them in her shop.



- On Monday she bakes 30 and sells 18
- On Tuesday she bakes twice as many muffins but has the same amount left.

How many muffins did she sell on Tuesday?

1 Complete these number sentences.

$$5 + 5 + 5 + 5 = \square \times 5$$

$$2 + 2 + 2 + 2 + 2 = \square \times 5$$

$$10 + 10 + 10 = \square \times 5$$

$$5 - 5 = \square \times 5$$

2 Lou has 5 bananas.



Dan has 8 times as many.

How many bananas do they have in total?

3 A bag contains 100 counters.

Susie takes out 26 counters.

Mark takes out 39 counters.

How many counters are left in the bag?