

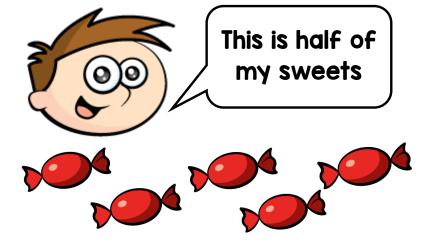
Fill in the missing numbers.

10 less than 46 is

36

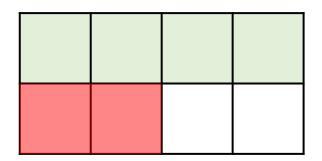
5 more than 30 is 35

2



How many sweets does Teddy have? Teddy has 10 sweets.

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?

Lucy shaded two more squares.





Ron has these digit cards.



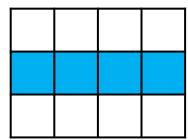
He uses two of the cards to make a 2-digit number.

How many even 2-digit numbers can he make? He can make 4 even 2-digit numbers: 14, 16, 46, 64

One third of the shape is shaded.

True or false?

**True** 



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

Did you tick any without working them out?

e.g. I knew 43 + 24 because 43 is greater than 40





Which of these numbers is closest to 10?





Which of these numbers is closest to 50?



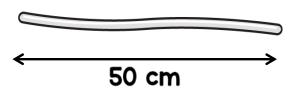


2 What are the missing numbers?

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?

$$80 - 50 = 30$$
  
 $30 \div 2 = 15$ 





What are the missing digits?

2 Annie and Ron each think of a number.

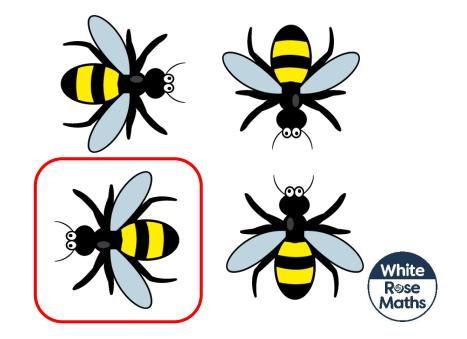
I'm thinking of the number 6

The sum of their numbers is 25 What is Ron's number? 25 - 6 = 19 Ron's number is 19

3 The bee makes a half turn.



Which way is the bee now facing?





There are 5 marbles in a bag.



$$\begin{array}{l} 5 \times 10 = 50 \\ 1 \times 10 = 10 \\ 50 + 10 = 60 \end{array}$$

Ron has 10 bags of marbles.

He puts I more marble in each bag.

How many marbles are there in total now? 60 marbles

Work out the missing digit.

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?

$$£15 - 4 = £11$$
  
 $£15 + £11 = £26$ 

Total cost is £26





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? £25 altogether **2** If

What is the value of



What are the missing numbers?





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

Monday	
Tuesday	
Wednesday	

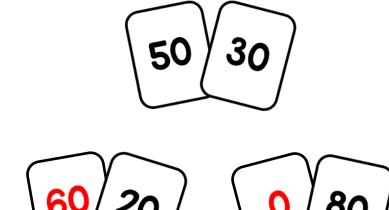
There are 20 children in the class.

How many children did not walk to school on Tuesday?

$$20 - II = 9$$

9 children didn't walk to school on Tuesday.

2 These pairs of numbers all have the same total.



Work out the missing numbers.





- 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.

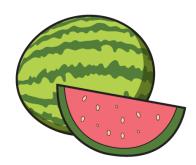
How many toys does Mary need to make on Wednesday?

$$7 + 8 = 15$$
  
 $20 - 15 = 5$ 



Mary needs to make 5 toys.

2 Tom has £20



Melon £2 each

He buys 7 melons.

$$7 \times 2 = 14$$
  
20 -  $14 = 6$ 

How much money does he have left? Tom has £6 left.

3 Circle 3 numbers that sum to 12

6 5 4 3 2 1

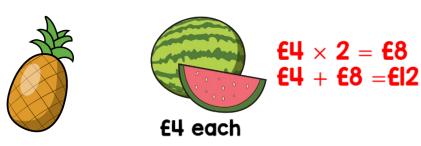
6, 5 and 1 6. 4 and 2

5, 4 and 3





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



How much do the pineapple and melon cost altogether? They cost £12 altogether.

2 Tommy thinks of a two-digit number.



Yes, all

5 are

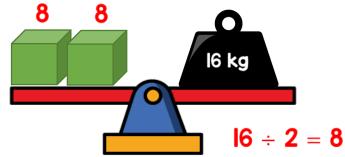
odd.

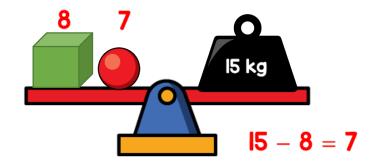
numbers

ending in

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

Gina balances some scales.





What is the mass of the sphere?

The mass of the sphere is 7 kg.





Here are some digit cards.



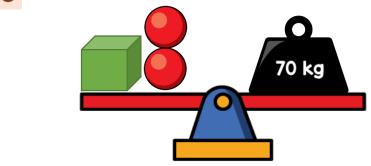
Mary makes a 2-digit number using two of the cards.

How many different numbers can she make? 6 different numbers 14, 15, 41, 45, 51, 54

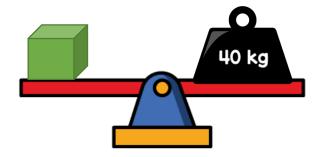
2 Complete the number sentences.

$$15 + 12 = 12 + 15$$

3 Tom balances some scales.



$$70 - 40 = 30$$
  
 $30 \div 2 = 15$ 



What is the mass of the sphere?

The mass of the sphere is 15 kg.





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

There are 50 children in a school.

Is of the children are girls.

How many more boys than girls are in the school? 50 - 15 = 35 35 - 15 = 20

There are 20 more boys than girls.

- 3 Mr Patel writes a number on the board.
  - Lee finds  $\frac{1}{2}$  of the number.
  - Kim finds  $\frac{1}{u}$  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.

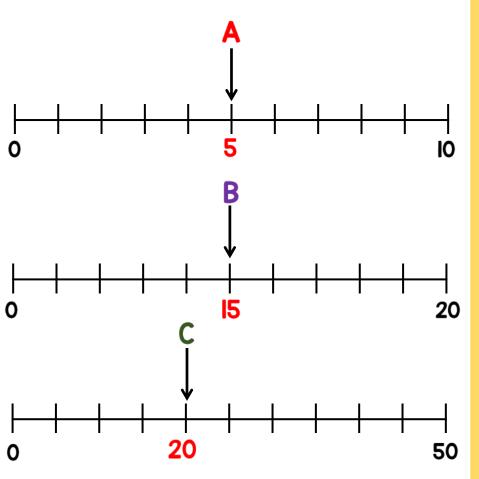
10		10		
15	5	15	5	

Mr Patel started with 20





Given than A + B = CDraw 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?

12 + 17 = 29
50 - 29 = 21

There are more yellow counters.

3

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

How many stickers did Lisa share

out? 
$$7 \times 5 = 35$$
  
Lisa shared 35 stickers.





I Sam has £50
He buys this cap and jumper with his



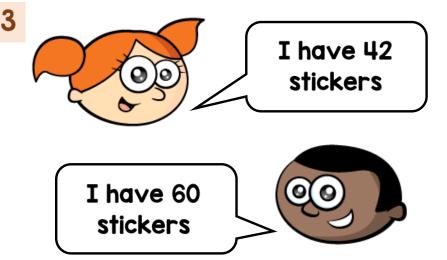
How much money does he have left?

Sam has £16 left.

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

$$6 \times 2 = 12$$
  
 $12 \times 2 = 24$ 

24 is double the number.



Mo gives Alex some stickers.

They now have the same number of stickers.

How many stickers does Mo give Alex?

$$60 - 42 = 18$$
  
 $18 \div 2 = 9$ 

Mo gives Alex 9 stickers.

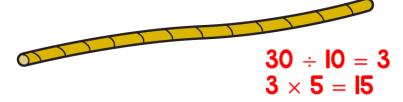




Which of these are equal to 15?

$$10+5$$
  $5+5+5$   $20-5$   $1+5$ 

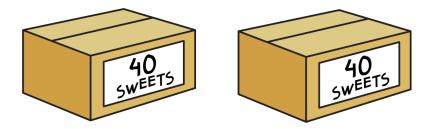
2 A rope measures 30 metres.



The rope is cut into 10 equal sized pieces.

What is the total length of 5 of these pieces? 15 metres

3 Danny has two boxes of sweets.



He puts the sweets into smaller bags.

There are 5 in each bag.

$$40 + 40 = 80$$
  
 $80 \div 5 = 16$ 



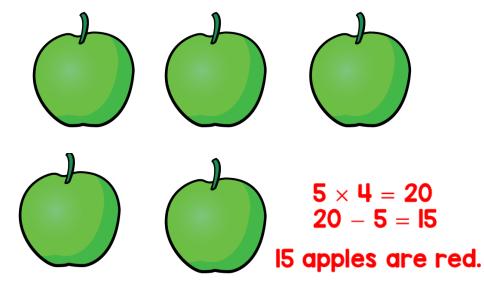
Danny can fill 16 bags.





- In a box
  - $\cdot \frac{1}{u}$  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.

THOE	THAT	THAT	THAT	THAT
JUICE	JUICE	JUICE	JUICE	JUICE
4	4	4	4	4
(;)	(;)	(;)	(;)	(;)

Each carton holds 2 litres of juice.

How much juice is in 7 cartons?

$$7 \times 2 = 14$$

7 cartons hold 14 litres of juice.





Here are 3 number patterns.

What is the sum of the three missing numbers?

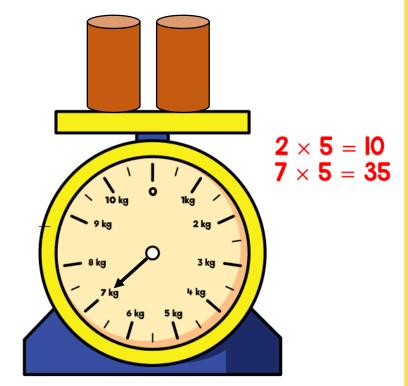
$$25 + 47 + 24 = 96$$

Work out the value of each symbol.

$$q + q = 18$$
 $18 \div 2 = q$ 
 $q + 21 = 30$ 
 $30 - q = 21$ 
 $31 - 21 = 10$ 
 $21 + 10 = 31$ 

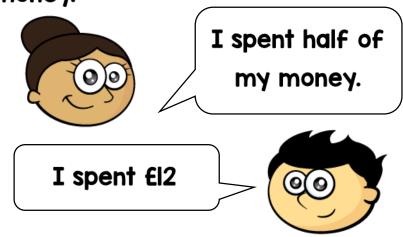


Mary measures the mass of 2 cylinders.



What is the mass of 10 of these cylinders? 35 kg

2 Jack and Dora each have some money.



They have the same amount left.

Dora spent £20

How much money did Jack have at

the start? 20 + 12 = 32

Jack had £32 at the start.





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



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



$$24 \times 2 = 48$$
  
 $5 \times 6 = 30$   
 $48 - 30 = 18$ 

How many more cans of pop does Tim have? Tim has 18 more cans of pop. 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? 
$$5 \times 3 = 15$$
  
29 - 15 = 14  
14 ÷ 2 = 7

Each boy receives £7





White

Røse

Mo has six 5p coins.









**49** 





He also has five IOp coins.











He buys this lolly.

How much money does

he have left?

$$6 \times 5 = 30$$

$$5 \times 10 = 50$$

$$50 + 30 = 80$$

$$80 - 49 = 31$$

Mo has 3lp left.

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





- On Monday she bakes 30 and sells 18 30 18 = 12
- On Tuesday she bakes twice as many muffins but has the same amount left.  $30 \times 2 = 60$  60 12 = 48

How many muffins did she sell on Tuesday?

She sells 48 muffins on Tuesday.



Complete these number sentences.

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

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

$$10 + 10 + 10 = 6 \times 5$$

$$\mathbf{5} - \mathbf{5} = \left[\begin{array}{c} \mathbf{0} \end{array}\right] \times \mathbf{5}$$

2 Lou has 5 bananas.



Dan has 8 times as many.  $5 \times 8 = 40$ 40 + 5 = 45

How many bananas do they have in total? They have 45 bananas 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? 
$$100 - 26 = 74$$
  
 $74 - 39 = 35$ 

There are 35 counters left in the bag.

