

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



$$\begin{aligned} \text{£}5 \times 3 &= \text{£}15 \\ \text{£}10 + \text{£}15 &= \text{£}25 \end{aligned}$$

Mr Jones and his 3 children go to the zoo.

How much does it cost them altogether? **£25 altogether**

2 If

$$\triangle + \triangle = 12$$

$$\heartsuit + \triangle = 19$$

$$\begin{aligned} 12 \div 2 &= 6 \\ 19 - 6 &= 13 \end{aligned}$$

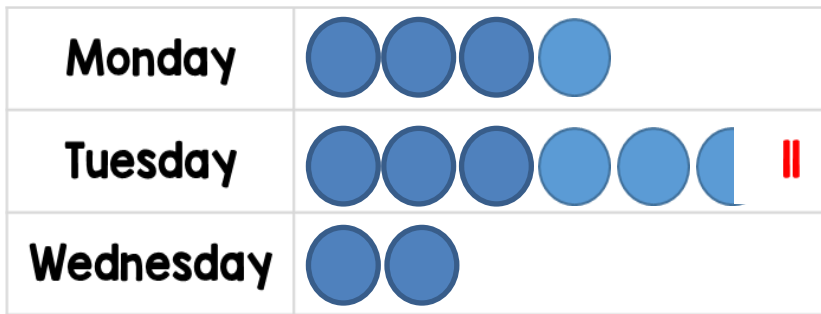
What is the value of \heartsuit ? **13**


3 What are the missing numbers?

$$\boxed{4} \times 10 = 40$$

$$\boxed{70} \div 10 = 7$$

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



 = 2 children

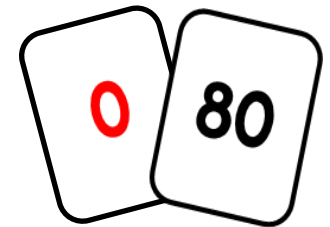
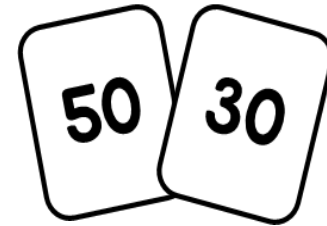
There are 20 children in the class.

How many children did not walk to school on Tuesday?

$$20 - 11 = 9$$

9 children didn't walk to school on Tuesday.

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



Work out the missing numbers.

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.

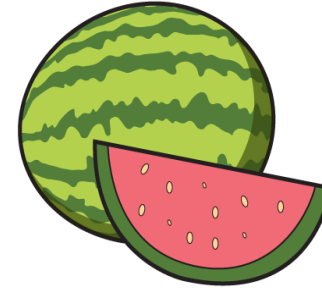
How many toys does Mary need to make on Wednesday?

$$\begin{aligned}7 + 8 &= 15 \\ 20 - 15 &= 5\end{aligned}$$



Mary needs to make 5 toys.

2 Tom has £20



Melon
£2 each

He buys 7 melons. $7 \times 2 = 14$
 $20 - 14 = 6$

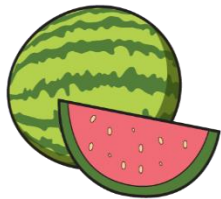
How much money does he have left?
Tom has £6 left.

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

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



£4 each

$$\begin{aligned}\text{£}4 \times 2 &= \text{£}8 \\ \text{£}4 + \text{£}8 &= \text{£}12\end{aligned}$$

How much do the pineapple and melon cost altogether?

They cost £12 altogether.

- 2 Tommy thinks of a two-digit number.

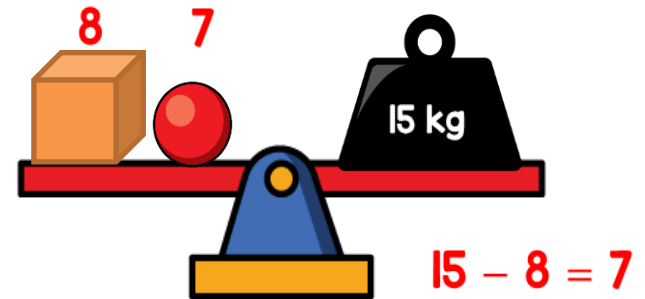
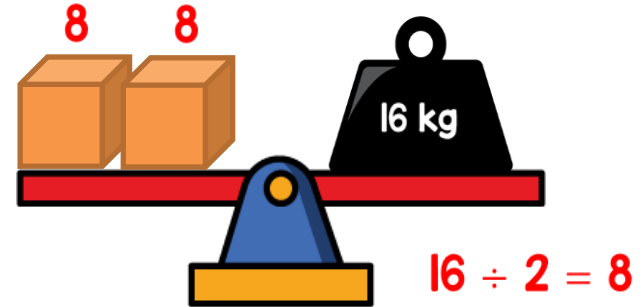
My number ends in a 5



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

Yes, all numbers ending in 5 are odd.

- 3 Gina balances some scales.



What is the mass of the sphere?

The mass of the sphere is 7 kg.

1 Here are some digit cards.



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

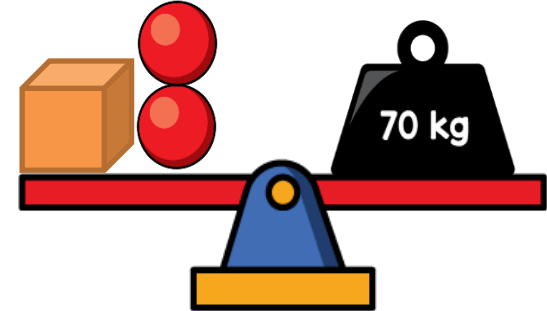
How many different numbers can she make? **6 different numbers**
14, 15, 41, 45, 51, 54

2 Complete the number sentences.

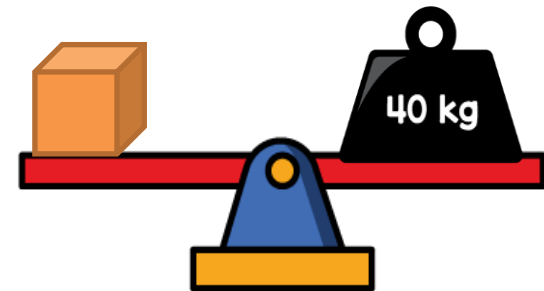
$$60 + \boxed{19} = 79$$

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

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.