

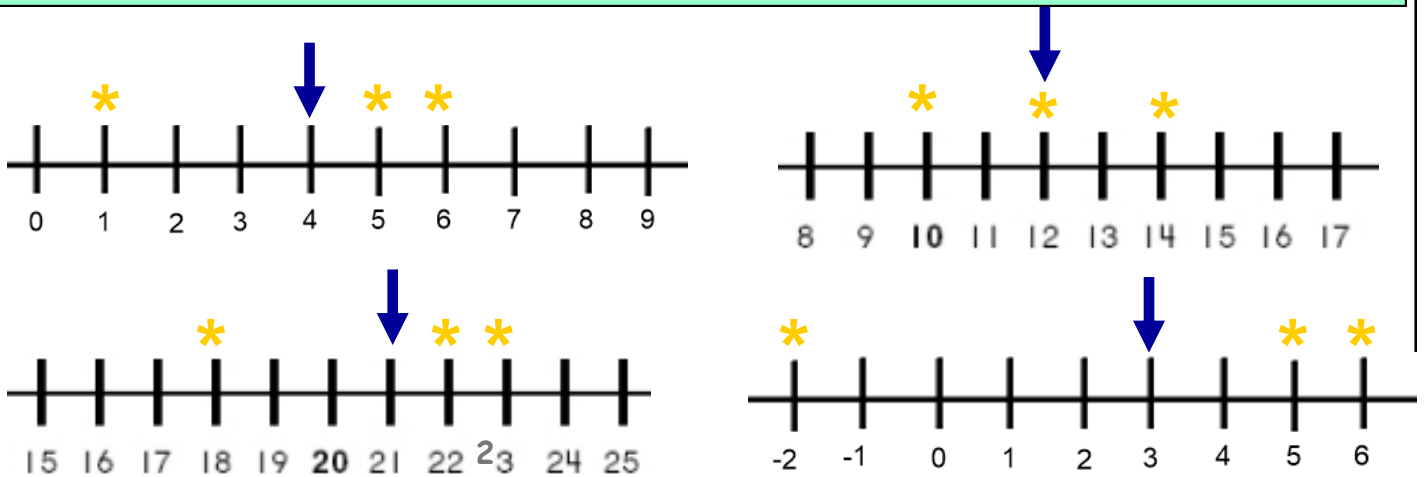
Calculate and interpret the mean as an average– ANSWERS

Calculate the mean of each set of data					Mean
6	7	2	5		5
9	3	5	11		7
6	15	4	7		8
13	8	9	14		11

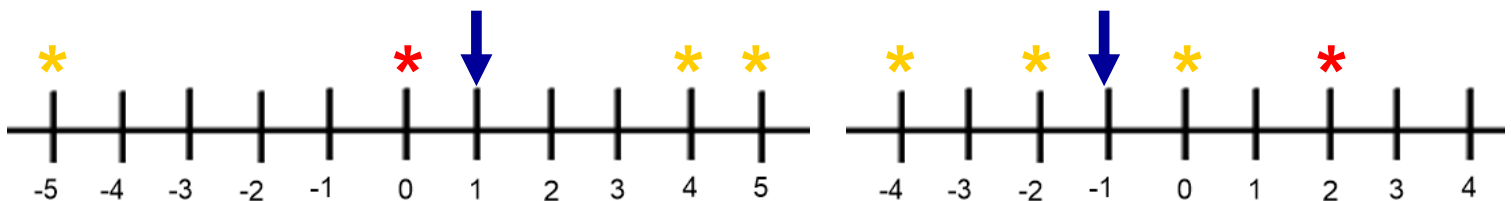
Calculate the mean of each set of data					Mean
17	3	9	23	8	12
3	4	9	8	11	7
15	5	6	7	12	9
21	9	14	23	18	17

Find the missing value						Mean
6	10	7	7	2	4	6
	5	12	11	4	8	8
		3	14	7	12	9
			15	24	3	14

Draw an arrow to the mean of 3 starred numbers



★ The arrow points to the mean of 4 numbers. What is the missing number?



Calculate and interpret the mean as an average– ANSWERS

Some children competed in long jump at Sports Day.

Amy jumped 135cm, Stefan jumped 142cm and Hayleigh jumped 158cm.
What was the mean average of their jumps?

$$\text{mean} = \underline{\quad 145 \quad} \text{cm}$$

Next, Adam jumps and the new mean average is 143cm. How far did Adam jump?

$$\text{Adam's jump} = \underline{\quad 137 \quad} \text{cm}$$



Sofia, Lewis, Liam and Josephine save a **mean average of £26** in pocket money.

The mean average of just Sofia, Lewis and Liam is **£27**.

How much did Josephine save?

$$\text{Josephine} = \underline{\quad \text{£23} \quad}$$

6 different sized books are stacked up and add to a total height of 1.2m.

What is the mean average height of each book in cm?

$$\text{mean} = \underline{\quad 20 \quad} \text{cm}$$

2 identical books are removed– the mean is now 26cm.

How thick was one of the removed books?

$$\text{removed book} = \underline{\quad 8 \quad} \text{cm}$$



The **mean average** of 3 children's ages is **12**.

An 8 year old child joins the group, *what is the new mean average?*

$$\text{new mean} = \underline{\quad 11 \quad} \text{years old}$$

A cyclist rides 63km over 1 week. In the following 3 days, he covers an extra 25km.
His mean average is greater during the first 7 days than the whole 10 days.

True

mean is 9km first week ($63 \div 7 = 9$)

mean is 8.8 km over 10 days ($88 \div 10 = 8.8$)