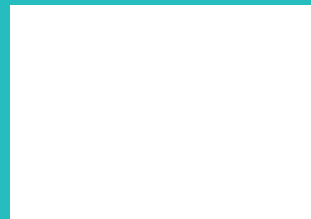


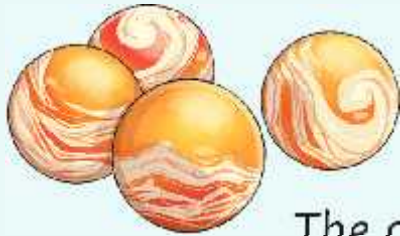
Maths Mastery

Mean Average Activities



What Is the Mean?

Five children have some marbles as shown:



Child A	10 marbles
Child B	8 marbles
Child C	5 marbles
Child D	4 marbles
Child E	3 marbles

The children decide to share the marbles equally.

Explain:

how they will do this; Put all the marbles together and share them equally.

how many marbles each child will have; There are 30 marbles to share between 5, so 6 each.

what this has to do with calculating the mean.

Answers

Calculating the mean of a set of data is to share the data equally. In many cases this cannot be done practically, as it can with the marbles, but mathematically that is what is happening.

Find the Mean

Find the mean of each set of data:

1. 6, 3, 9, 7, 5 6

2. 1.3m, 0.7m, 2.6m, 2.3m, 0.4m, 1.7m 1.5m

3. 26, 27, 35, 18, 23, 27 26

4. £1.34, 89p, £1.57, £2.46, £2.09, 59p £1.49

What do you need to think about carefully when finding the mean with this set of data? All £ or p so 89p = £0.89

Make some sets of data for a partner to find the mean.

Answers

How Much?

Five classes of children collect some money to share equally with five local charities. Four of the classes record how much money they have collected, but the fifth class forgot to record theirs.

Here are the four classes collections: £34, £29, £18, £27.
The total is shared equally so each charity receives £25.
How much did the fifth class raise? **£17**

Write a similar problem for a partner.



Answers

