Look at the following diving scores:

Marita 7.2	Ben 9.4	Ari 4.6	Mia 7.6

a Calculate the mean.

b Who was closest to the mean?

Five numbers have a **mean of 6**

Four of the numbers are shown:

9 7 4 7

Work out the value of the missing number.

Jack is calculating the mean of five numbers: 11, 18, 27, 4.5 and 14.5.

Because two of the numbers are decimals, you only need to divide the total by 4.

Do you agree with Jack? Why?

Darren says,

If you add decimal numbers together when calculating the mean, the answer will always be a decimal.

Do you agree with Darren? Why?

The mean height of a group of 4 girls is 164 cm.

What is the total height of the 4 girls?

Anika joins the group and the mean height of the 5 girls is 166 cm.
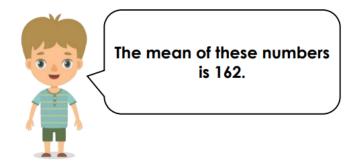
How tall is Anika?

Three friends are trying to work out their mean amount of pets. Sally has 7 more pets than Rylan. Rylan has 2 fewer pets than José who has 4.

What is their mean amount of pets?

Elton is calculating the mean of six numbers: 15.2, 57, 51.8, 30, 2 and 6.

The mean of these numbers is 162.

Do you agree with Elton? Why?