Calculate and interpret the mean as an average
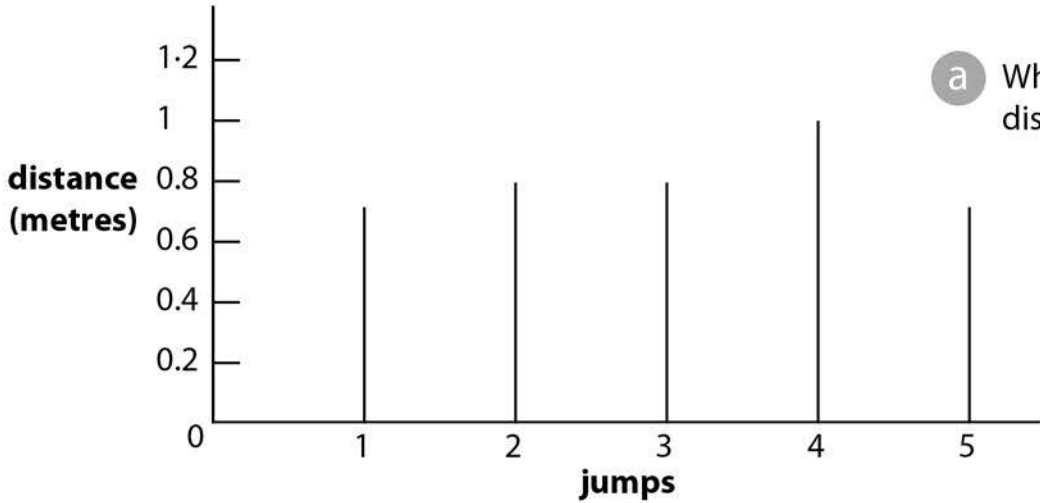
1 Tom drew the graph below to show the distance he jumped over **5** standing jumps.

distance (metres)
jumps

a What was the average distance Tom jumped?

m

b Tom only jumped **0·6 m** for his **6th** jump. To the nearest centimetre, what was his new average?

cm

2 Anya is saving for some trainers which cost **£28.95**. On average, how much would she need to save each week for **5 weeks**?

£

3 Linzi collects **£8.16** for charity. Robert collects **£7.54** and Joseph collects **£9.20**. What is the average amount collected?

£

4 Dale was investigating how long he could stand on one foot. His results are shown in the table below.

attempt	1	2	3	4	5
time in seconds	18	17	13	19	18

a What was his average time?

seconds

b Dale wanted to increase his average to **18 seconds**. For how many seconds would he have to stand on one foot in his sixth attempt to achieve this?

seconds

Year 6