

# Find mean for a small set of numbers

Target Source..... Name.....

1. Find the mean for each of the sets of data below

- (a) 4, 9, 7, 10, 5      (b) 2, 8, 6, 3, 12, 7, 4      (c) 3, 2, 1, 3, 2, 2, 1, 3, 1, 2, 3, 2, 1  
(d) 1, 8, 7, 5, 6, 4, 7, 6      (e) 20, 30, 24, 32      (f) 12, 8, 14, 5, 1, 3, 0, 8, 10, 11

2. Five houses on a street are sold in 2016. They sell for  
£175,000 £184,000 £150,000 £201,000 £191,000  
Calculate the mean price.

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3. Two small year 10 classes, Set A and Set B, sat the same Science test.  
Set A had these scores for the test:  
63%, 71%, 48%, 95%, 46%, 82%, 77%, 36%, 73%  
Set B had these scores:  
58%, 63%, 85%, 61%, 59%, 38%, 90%, 84%, 75%, 48%

How much bigger was set B's mean average score than Set's A mean average score?

Give your answer correct to 1 decimal place.

4. Magda thinks that not enough people come for a cooked lunch on Saturdays. She records the number of people having cooked lunch on Saturdays for the next 5 weeks

Nov 2015

<b>Week</b>	1	2	3	4	5
<b>Number of people</b>	12	6	8	10	11

Magda works out the mean average number of people having cooked lunch on Saturday over the 5 weeks.

She thinks she should stop providing cooked lunch if the mean is less than 10.

Is the mean average number of people less than 10?

(4)

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5. Five friends want to do a parachute jump for charity.  
They must raise a mean average of at least £420 each before they do jump.  
Here are the amounts each friend has raised.

Name	Ben	Cal	Daz	Ed	Fai
Amount of money raised (£)	509	381	425	390	455

Jan 2016

Have the friends raised a mean average of at least £420?

Show a check of your working

(4)