

### Finding the Mean

Find the mean of each of these sets of data:

- (a) 8, 5, 10, 9
- (b) 6.3, 6.3, 6.3, 6.3
- (c) 18, 13, 11, 18, 14
- (d) 7, -3, 0, 5, -1
- (e) 7.8, 6, 7.2, 6.7, 4.8, 7.4, 7, 5.1
- (f) 11, 6, 14, 13, 8, 9

Find the mean of each of these sets of data:

- (a) Four numbers with a total of 20
- (b) Five numbers with a total of 40
- (c) Ten numbers with a total of 45

Find the total of each of these sets of numbers.

- (a) Six numbers with a mean of 8
- (b) Five numbers with a mean of 7.8
- (c) Ten numbers with a mean of 2.2

The science test scores of class 7A and 7B are given below.

7A: 13, 8, 18, 19, 9, 12, 19, 17, 20, 17

7B: 15, 16, 15, 12, 18, 17, 20, 18, 7, 10

Compare the mean test scores of the two classes.

Find the missing numbers in these sets of data when given the mean.

- (a)  $Mean = 6$             5, 8, 3, 6, ?
- (b)  $Mean = 8.2$         9, 7, 8, 5, ?
- (c)  $Mean = 3$             -1, 7, 3, ?
- (d)  $Mean = 4.5$         7, 4, 5, 3, 3, ?

Four numbers have a range of 7, a mean of 8, a mode of 6 and a median of 6.5. Find the four numbers.

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