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

(a) 8

(b) 6.3

(c) 14.8

(d) 1.6

(e) 6.5

(f) $10\frac{1}{6}$

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

(a) 5

(b) 8

(c) 4.5

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

(a) 48

(b) 39

(c) 22

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.

7A : 15.2

7B : 14.8

7A HAS A HIGHER MEAN

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, ?

(a) 8

(b) 12

(c) 3

(d) 5

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.

6 6 7 13