Averages and Range

Find the range of
(a)   9, 12, 6, 14, 11, 7
(b)   5, 3, 9, -4, 2, 1
(c)   1, 0, 1, 1, 0, 0, 1

Find the mode of
(a)   9, 5, 6, 1, 6, 3, 2
(b)   5, 2, 5, 3, 5, 4, 3, 3
(c)   3, 7, 5, 9, 12

Find the median of
(a)   8, 12, 11, 15, 9
(b)   6, 1, 9, 8, 11
(c)   19, 2, 14, 8, 11, 10, 4, 15

Find the mean of
(a)   13, 4, 7
(b)   4, 10, 15, 8, 5
(c)   5, -2, 0, 8, 3

(a) Five integers have a mean of 8. The integers are 7, 3, 10, 13, x. Find the value of x.
(b) Six integers have a range of 13. The integers are 5, 9, 7, 12, 3, x. Find the value of x.

(a) Four numbers have a mean of 9 and a median of 6. The four numbers are 2, 5, a, b. Find the value of a and b.
(b) Three integers have a mean of 5 and a range of 10. Find the three integers.

(a) Three different, positive integers have a mean of 8 and a median of 11. Find the three numbers.
(b) Four integers have a mode of 5, a mean of 7, and a median of 5.5. Find their values.