**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.

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