

Answer on Question #61540 – Math – Statistics and Probability

Question

1 Descriptive measurement obtained from a whole population is termed as
statistics
sample
sample quote
parameter

Answer: parameter

Question

2 Find the mean of $2t + 4$, $5t - 4$, $3t + 2$, and $6t - 2$
4
2t
4t
6t + 1

Solution

$$\text{Mean} = \frac{(2t+4)+(5t-4)+(3t+2)+(6t-2)}{4} = \frac{16t}{4} = 4t.$$

Answer: $4t$.

Question

3 The mean of seven numbers is 10. If the sum of the first six terms is 62, find the number.
14
5
8
9

Solution

$$\frac{62+x}{7} = 10 \rightarrow 62 + x = 70 \rightarrow x = 70 - 62 \rightarrow x = 8.$$

Answer: 8.