Name:
Consider the population: $9,3,21,17,6,10$.
a) Find the mean.

$$
\begin{aligned}
\mu & =\frac{(9+3+21+17+6+10)}{6} \\
& =11
\end{aligned}
$$

b) Find the median.

$$
\begin{aligned}
& \text { ordered: } 3,6,9,10,17,21 \\
& \text { median }=\frac{9+10}{2}=9.5
\end{aligned}
$$

c) If every measurement is increased by 10 , what is the new mean?

$$
\begin{gathered}
21 \\
(\text { mean is increased by lo) }
\end{gathered}
$$

d) If every measurement is multiplied by 10 , what is the new median?

$$
\begin{gathered}
95 \\
(\text { median is multiplied by } 10)
\end{gathered}
$$

