For the following scores, find the (a) mean, (b) median, (e) variance, and (d) standard deviation:

$$32, 28, 24, 28, 28, 31, 35, 29, 26$$

For the following scores, find the (a) mean, (b) median, (c) variance, and (d) standard deviation:

$$10, 7, 6, 10, 6, 15$$

A sample of $n = 8$ scores has a mean of $\overline{X} = 10$. If one new person with a score of $X = 1$ is added to the sample, what is the value for the new mean?

A sample of $n = 5$ scores has a mean of $\overline{X} = 12$. If one person with a score of $X = 8$ is removed from the sample, what is the value for the new mean?