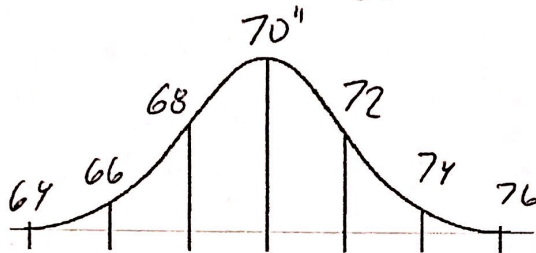


Name: _____ Date: _____ Class: _____

The average American adult male is ^{70"}69" tall (5'10") with a standard deviation of 2 inches.

1. What percentage of men are more than 74" tall? _____
2. What percentage of men are between ^{64"}65" and ^{68"}69" tall? _____
3. What percentage of men are less than ^{68"}67"? _____



Use the following information for the next six questions. Kitchen appliances don't last forever. The lifespan of all microwave ovens is Normally distributed with a mean of 9 years and a standard deviation of 2.5 years.

4. What percentage of microwave ovens last more than 14 years?
5. What percentage of microwave ovens last less than 4 years?
6. What percentage of microwave ovens last between 4 and 16.5 years?
7. The middle 95% of all microwave ovens last between how many years?

