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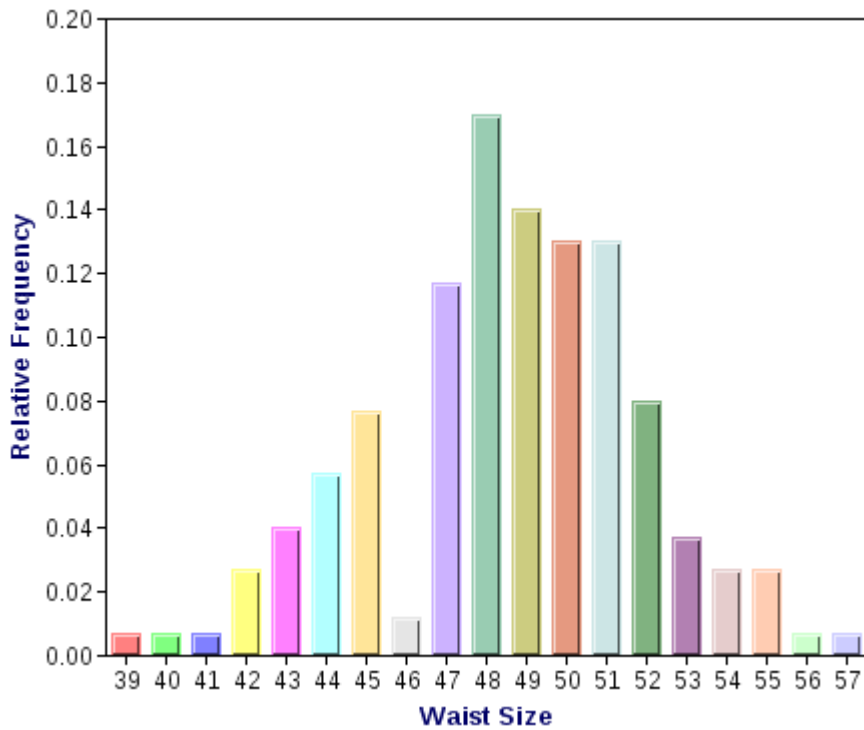
Date _____

Graphing Probability Distribution - Guided Lesson Explanation

Explanation#1

The relative frequency histogram is symmetric.

There is one outlier at 46-46.9. Besides that, it follows bell curve patterns.

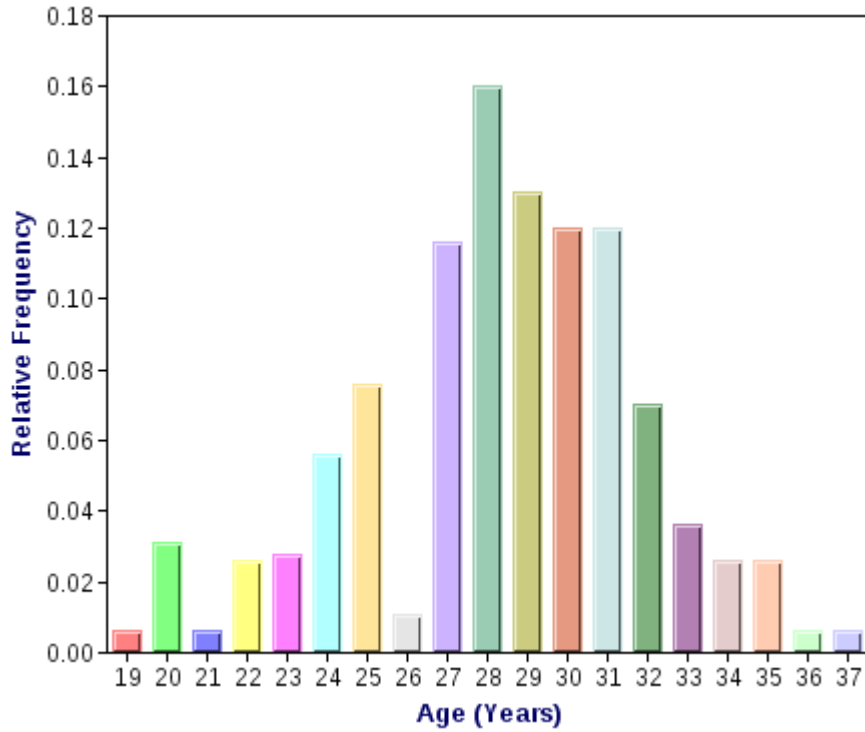


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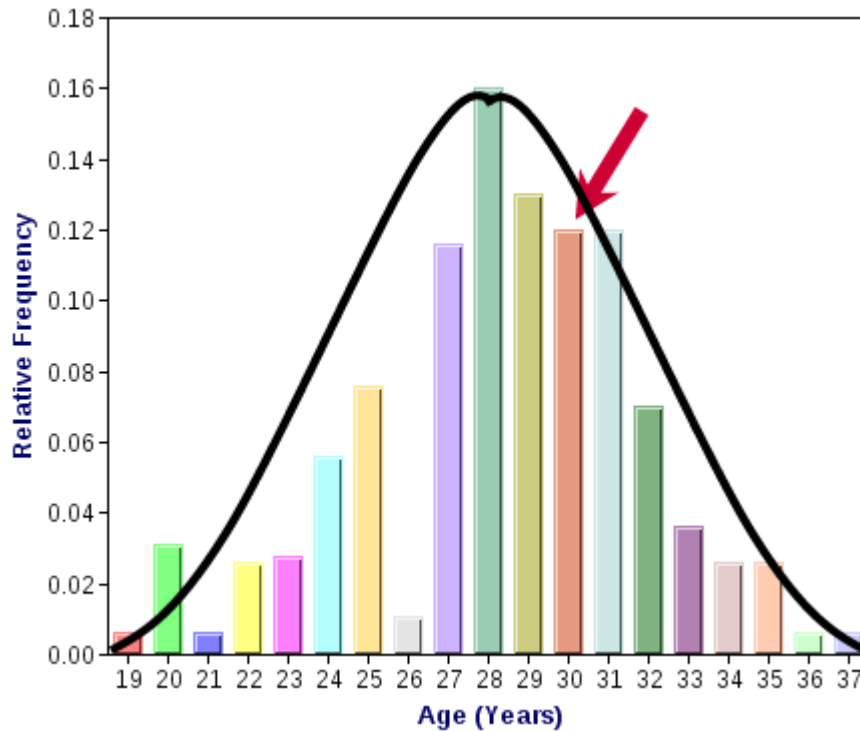
Explanation#2

The relative frequency histogram is a bit asymmetric, at least over the first half of the years (19 -27). There are several outliers stuck in that age range.



Explanation#3

The normal curve with $\mu = 28.5$ and $\sigma = 4.12$ is superimposed on the relative frequency histogram. The height of normal with $\mu = 28.5$ and $\sigma = 4.12$.



The normal curve is slightly above the point in question. This tells us that the results are not in synch with what we would normal expect to happen.

