

The Normal Distribution of Inanimate Objects

Name _____ Date _____ Period _____

Find the mean and standard deviation for four inanimate objects and give a brief description of each. (e.g., the mean lifetime for a battery watch is 500 days with a standard deviation of 60 days.)

OBJECT NAME

MEAN (μ)

SD (σ)

1. _____

DESCRIPTION:

OBJECT NAME

MEAN (μ)

SD (σ)

2. _____

DESCRIPTION:

OBJECT NAME

MEAN (μ)

SD (σ)

3. _____

DESCRIPTION:

OBJECT NAME

MEAN (μ)

SD (σ)

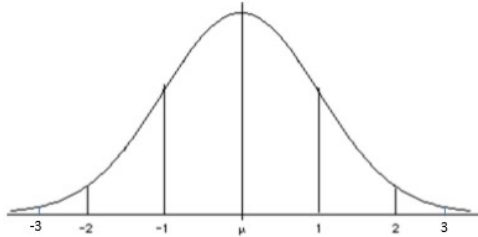
4. _____

DESCRIPTION:

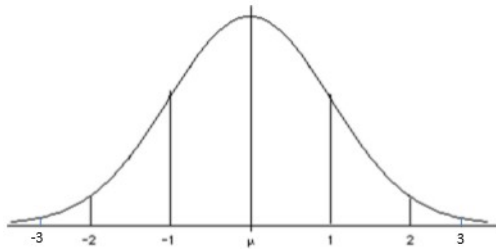
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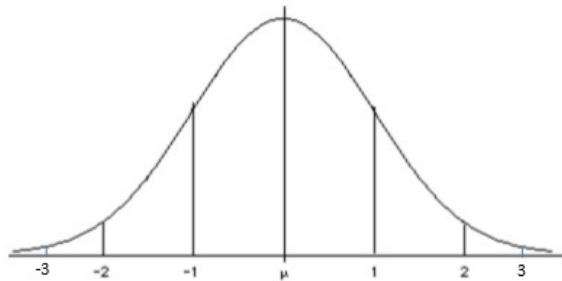
Use the mean (μ) and standard deviation (σ) for three of the objects to construct the normal distribution curves. Use it to find the unusual values and write an interpretation.



OBJECT: _____



OBJECT: _____



OBJECT: _____