



## Chapter 5.7: Logarithmic Scales

Consider the number line below. Where should 1000 be?



Hint: Consider the number line below. Where is 2? How did you decide where to place 2?



### Linear Scales

Fixed Distance



### Logarithmic Scales





Plot the values listed on the logarithmic scale below.

2, 3, 4, 5, 6, 7, 8, and 9

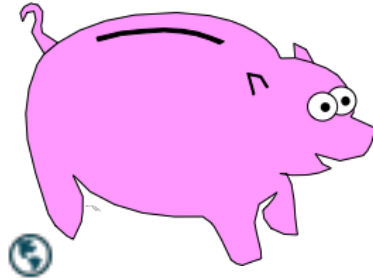


## Price of Apple Inc (NASDAQ: AAPL) 2002- 2013





Let's take a look at The Dow Jones Market from 1896 - 2016



The chart shows four major market crashes. When were they? Which crash was the worst? Try to list them in order from worst to best (or least worst).

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BEST (LEAST WORST)

WORST



### ***The Richter Scale***

Look up the following earthquakes and determine their magnitudes. Read about the damage that each earthquake caused.

East Coast Earthquake of 2011 \_\_\_\_\_

Loma Prieta Earthquake of 1989 \_\_\_\_\_

Tohoku Earthquake of 2011 \_\_\_\_\_

Chile Earthquake of 1960 \_\_\_\_\_