

10/29/18

Probability

Impossible

Equally Likely

Certain

0 $\frac{1}{4}$ $\frac{1}{2}$ $\frac{3}{4}$ 1

0 .25 .5 .75 1

0% 25% 50% 75% 100%

$$\text{Theoretical Probability} = \frac{\text{number of favorable outcomes}}{\text{number of possible outcomes}}$$

$$\text{Experimental Probability} = \frac{\text{number of times the event occurs}}{\text{number of trials}}$$

