Learning Target:

I can **determine the likelihood and probability** of simple events..

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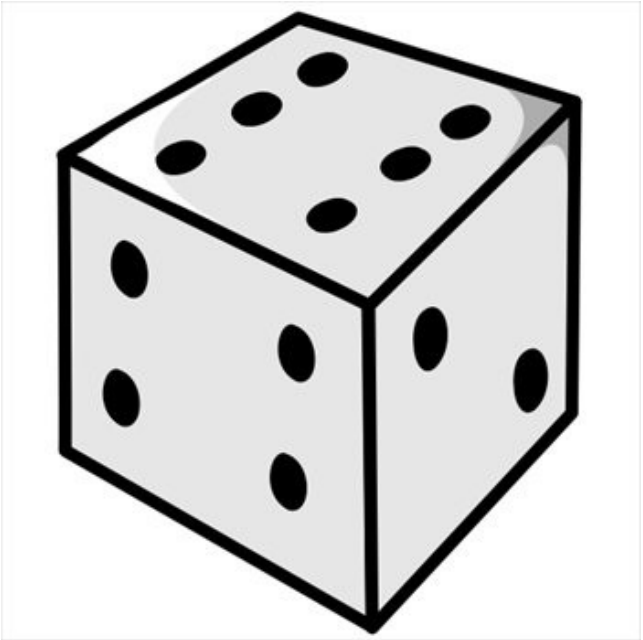
Common Question:

You roll a die once. What is the probability of getting a 4?



a. ½
b. ¼
c. 1/6
d. 1/8

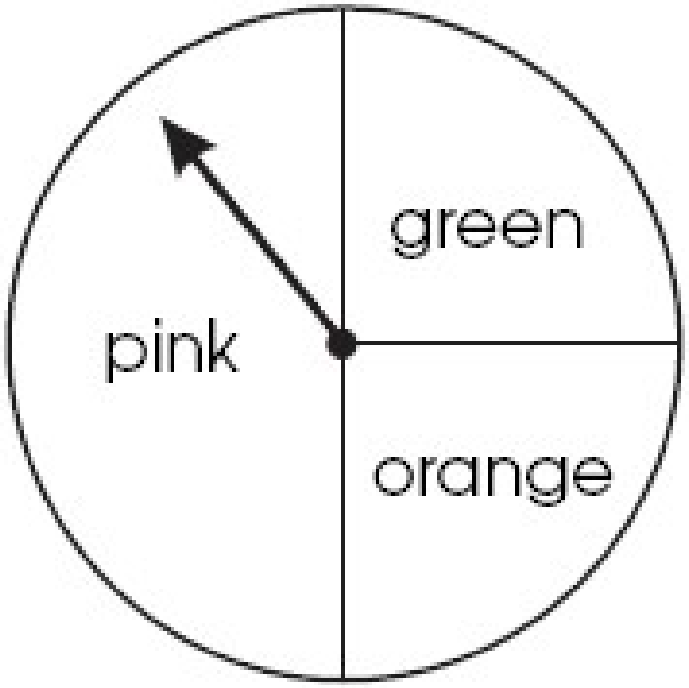
I can determine the likelihood and probability of simple events.

Common Question

P (Orange) =

P (Pink) =

P (Pink or Green) =



I can determine the likelihood and probability of simple events.

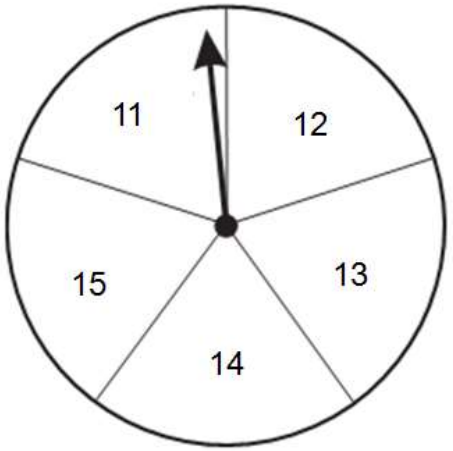
Theoretical Probability

vs

Experimental Probability

I can determine the likelihood and probability of simple events.

What is the probability of spinning an even number?



The class spins 20 times and get the following results:

Even Numbers: 12 Odd Numbers: 8

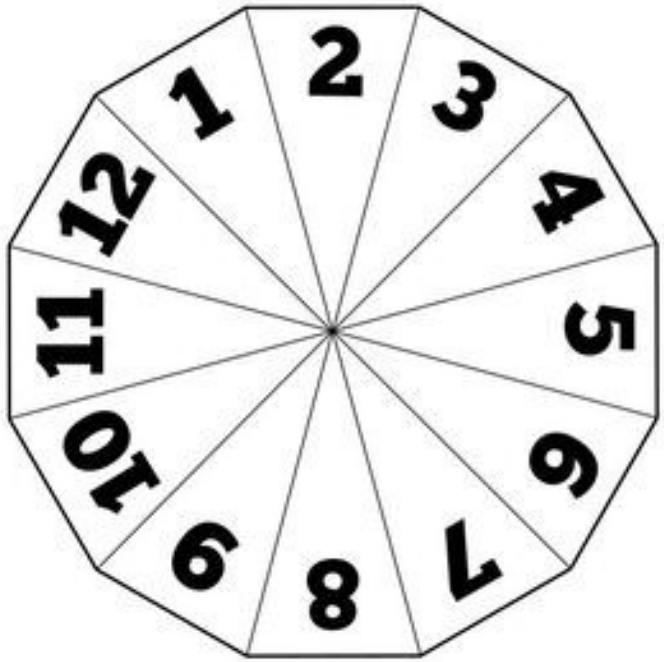
Based on these results, what was the probability of spinning an even number?

I can determine the likelihood and probability of simple events.

What is the difference between the theoretical probability and the experimental probability?

Experiment Results:

1, 1, 3, 1, 8, 9, 3, 5, 6, 10, 10, 2



I can determine the likelihood and probability of simple events.

Likelihood

What probability means…

A. Probability of 0 _____

B. Probability between 0 and ½ _____

C. Probability of ½ _____

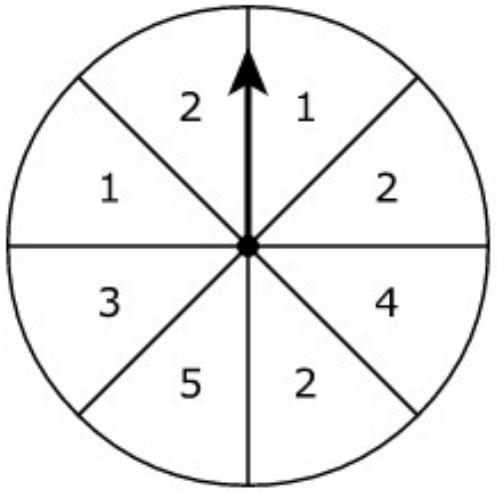
D. Probability between ½ and 1 _____

E. Probability of 1 _____

I can determine the likelihood and probability of simple events.

For each of the following questions, answer with A, B, C, D, or E.

A. Certain B. Impossible C. Likely D. Unlikely E. Neither likely or unlikely



1.) What is the likelihood of spinning a 1?

2.) What is the likelihood of spinning an even?

3.) What is the likelihood of spinning an odd?

4.) What is the likelihood of spinning a number less than 3?