QUICK TIP!

Hey Kids! Time for a super fun math lesson, courtesy of Math Madness!

— PROBABILITY —

A probability is a measurement of how likely something is to occur. Probabilities have values from 0 to 1.

- A probability of 0 means something is guaranteed not to happen;
- A probability of 1 means that it certainly will.

In order to calculate a probability, divide the number of desired outcomes by the number of possible outcomes. Ex:

The probability of a coin coming up heads when flipped is 1/2. There is 1 desired outcome (heads), and 2 possible outcomes (heads and tails).

The probability of rolling a 5 or a 6 on a six-sided die is 2/6 (or 1/3, once simplified). There are two desired outcomes (5 and 6) and six possible outcomes (1,2,3,4,5,6)

— TRY IT! —

Figure out the probability of pulling the specified item out of a bag of rocks. The bag contains 5 red, 4 blue, 5 green, 3 yellow and 1 black rock.

Probability of getting a red rock: _____

Probability of getting a blue rock: _____

Probability of getting a green rock: _____

Probability of getting a yellow rock: _____

Probability of getting a black rock: _____

Probability of getting a red or blue rock: _____

Probability of getting a rock that is not green: _____

Probability of getting a rock that is not black: _____