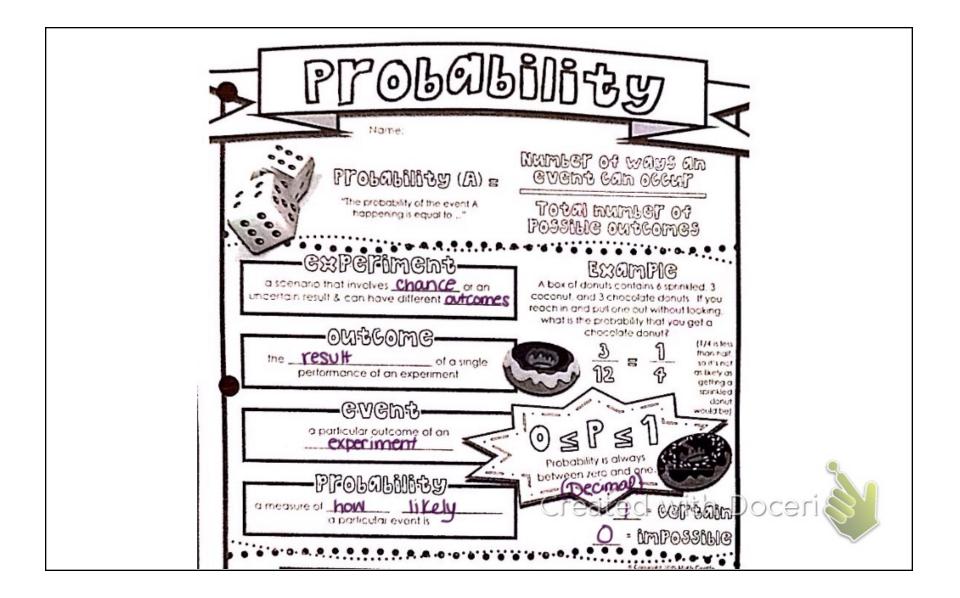
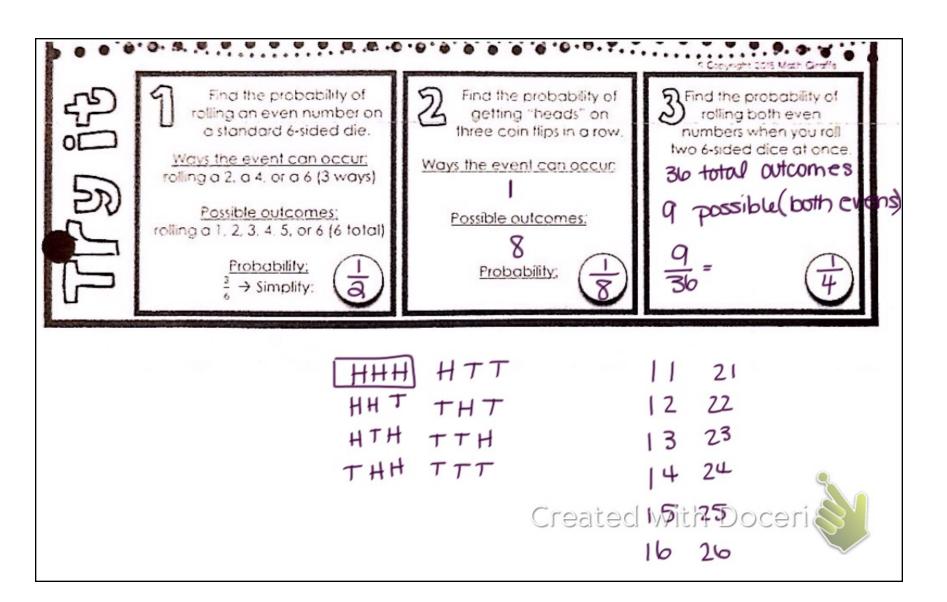
Math 2 take at Worksheet from yesterday Created with Doceria





mause of the symmetry in a fair die - each side is equally likely to end up on top when the die is rolled - it is easy to the probabilities of various outcomes. As you work on the problems in this investigation, look for answers to this polion

How can you find and organize the probabilities associated with random events like the roll of two dice?

- 1.) Suppose a red die and green die are rolled at the same time
 - 3 + Roll a 2. What does the entry "3,2" in the chart mean? Roll a 3
 - Complete a copy of the chart at the right, showing all b possible outcomes of a single roll of two dice.
 - c. How many possible outcomes are there? 36
 - d. What is the probability of rolling a (1,2), that is, a 1 on the red die and a 2 on the green die? What is the probability or rolling a (2.1)? A (4.4)? 36 , 36' 36
 - e. Would the chart be different of both dice had been the same color?

NO, because we are looking at the numbers on the dice, not the color.

Number on Green De

