

Name \_\_\_\_\_

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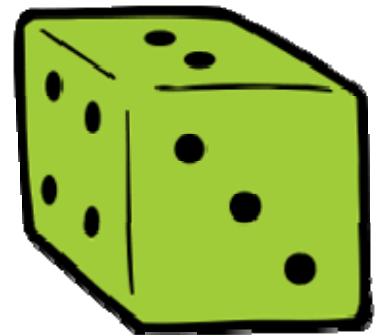
### Probability of a Chance Event - Guided Lesson

Complete the following problems:

1) The container below contains 2 gray, 1 white, and 4 black marbles. Without looking, if Eric chooses a marble from the container, will the probability be closer to 0 or to 1 that Eric will select a white marble? A gray marble? A black marble? Justify each of your predictions.



2) Ronny plays snakes and ladders. If he rolls a 6-sided die, what is the probability he will roll a 3?



3) Jacob and Jack want to play an arcade game. They had trouble deciding who would play first, so they flipped a coin. What is the probability of getting "heads" on the coin flip?

