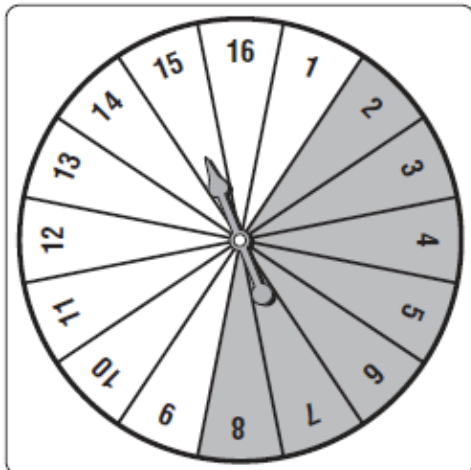


Name: _____

Date: _____

Extra Practice (6.9)

A spinner like the one shown is used in a game. Determine the probability of each outcome if the spinner is equally likely to land on each section. Express each probability as a fraction and as a percent.



1) $P(12)$

2) $P(\text{odd})$

3) $P(1 \text{ or } 2)$

4) $P(\text{greater than } 9)$

5) $P(\text{not shaded})$

6) $P(\text{less than } 5)$

There are 8 red marbles, 5 blue marbles, 11 green marbles, and 1 yellow marble in a bag. Suppose one is selected at random. Find the probability of each outcome. Express each probability as a fraction and as a percent.

7) $P(\text{red})$

8) $P(\text{red or blue})$

9) $P(\text{red, blue, or green})$

10) $P(\text{black})$

Suppose two 1-6 number cubes are rolled. Find the probability of each outcome. Express each probability as a fraction and as a percent. Round to the nearest tenth.

11) $P(2 \text{ or } 4)$

12) $P(\text{both odd})$

13) $P(\text{sum more than } 8)$

14) $P(\text{even product})$