Name: _____ **Unit 8:** Probability & Statistics

Date: _____ **Per:** _____ **Homework 1:** Outcomes & Events

Directions: List the possible outcomes.

1. Cara is playing a number game where she has two tiles for each number 0 – 9. A tile is chosen at random. List the possible outcomes.

List the favorable outcomes for:

a) choosing a 2

b) not choosing an even number

c) choosing a number less than 4

d) choosing a multiple of 3

2. A jar contains 3 red marbles, 2 orange marbles, 3 green marbles and 4 blue marbles. One marble is chosen at random. List the possible outcomes.

List the favorable outcomes for:

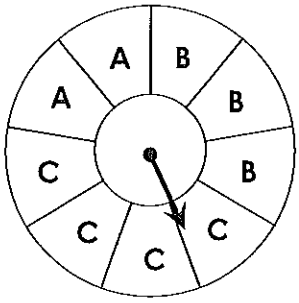
a) choosing a red marble

b) not choosing a green marble

c) choosing a blue or orange marble

d) choosing a primary color

3. The spinner below is spun once. How many possible outcomes are there?



Give the number of favorable outcomes for each event.

a) spinning B

b) spinning A or C

c) not spinning C

d) spinning B and C

4. Blair has a box of candy to sell. She has 4 chocolate bars, 4 fruit chews, 1 pack of bubble gum and 3 sour candies. If she chooses a piece of candy at random, how many possible outcome are there?

Give the number of favorable outcomes for each event.

a) choosing a pack of gum

b) not choosing a sour candy

c) choosing a chocolate bar or pack of gum

d) choosing anything other than fruit chews

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