TEST NAME: **Outcomes CW #2**
TEST ID: **3058770**
GRADE: **07 - Seventh Grade**
SUBJECT: **Mathematics**
TEST CATEGORY: **School Assessment**
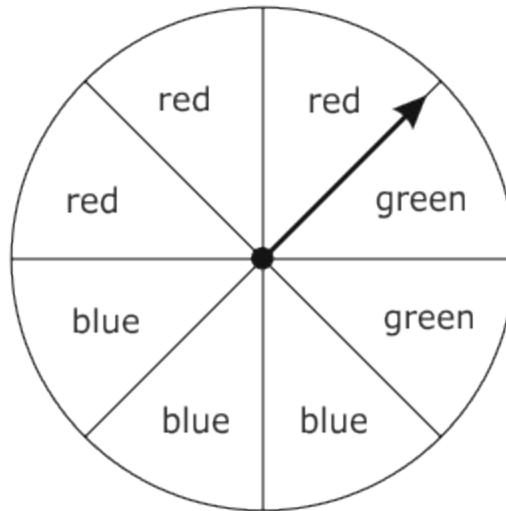
Student:

Class:

Date:

1. How many possible combinations of two number cubes, numbered 1 through 6, would add up to exactly 7?

   A. 2

   B. 3

   C. 5

   D. 6

2. Nathan spins the spinner below two times.

What is the probability Nathan will spin red on the first spin and blue on the second spin?

A.
$$\frac{9}{64}$$

B.
$$\frac{9}{25}$$

C.
$$\frac{3}{8}$$

3. For a school project, Mike, Riley, Josh, and Wyatt need to work in groups of two. How many different groups can the four boys create?

A. 8

B. 6

C. 4

4. Jane flipped a coin and rolled a number cube with sides labeled 1 through 6. What is the probability the coin will show heads and the number cube will show the number 4?

A. $\dfrac{1}{6}$

B. $\dfrac{1}{8}$

C. $\dfrac{1}{12}$

5. William will toss a coin and roll a number cube with sides labeled 1 to 6. How many outcomes are possible?

A. 2

B. 6

C. 12

D. 24

6. Moesha has 3 dresses, 2 hats, and 5 pairs of shoes. She will choose an outfit that has one dress, one hat, and one pair of shoes. How many different outfits are possible?

A. 3

B. 10

C. 15

D. 30

7. Natalie, Sarah, Gabriella, and Maria were told to work in groups of two. How many different groups of two can the four girls make?

   A. 2

   B. 4

   C. 6

   D. 8