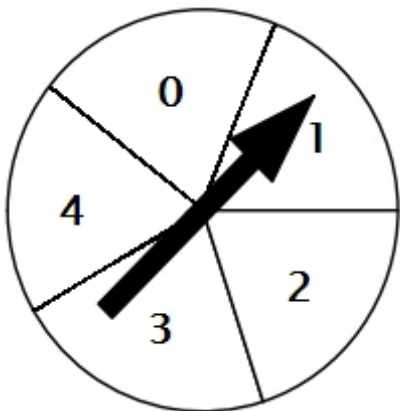1) A probability experiment is conducted. Which of these cannot be considered a   1) _____
   probability outcome?

   A) 1.58   B) $\dfrac{2}{5}$ C) 91%   D) 0.53

2) If an event cannot happen, what value is assigned to its probability?   2) _____
   A) -1   B) 1   C) 100%   D) 0

3) How many possible outcomes would there be if three coins were tossed once?   3) _____
   A) 2   B) 6   C) 8   D) 4

4) Find the probability of getting a number greater than 3 when a die is rolled one time.   4) _____

   A) $\dfrac{1}{6}$ B) $\dfrac{1}{3}$ C) $\dfrac{1}{2}$ D) $\dfrac{2}{3}$

5) If two dice are rolled one time, find the probability of getting a sum of 6.   5) _____

   A) $\dfrac{5}{36}$ B) $\dfrac{1}{6}$ C) $\dfrac{7}{36}$ D) $\dfrac{1}{12}$

6) If a red suit is drawn from an ordinary deck of cards, what is the probability that the card   6) _____
   is a diamond?

   A) $\dfrac{1}{5}$ B) $\dfrac{1}{3}$ C) $\dfrac{1}{2}$ D) $\dfrac{1}{4}$

7) A section of an exam contains two multiple-choice questions, each with three answer   7) _____
   choices (listed "A", "B", and "C"). Assuming the outcomes to be equally likely, find the
   probability (as a reduced fraction) that both answers are "C". [Hint: List all the outcomes
   of the sample space first.]
   A) 1/27   B) 1/9   C) 1/3   D) 1/6

8) A coin is tossed 433 times and comes up heads 212 times. Use the Empirical Method to   8) _____
   approximate the probability that the coin comes up heads.
   A) 0.49   B) 0.51   C) 0.5   D) 0.329

9) A couple has four children. Find the probability that all of them are girls.   9) _____

   A) $\dfrac{1}{4}$ B) $\dfrac{1}{16}$ C) $\dfrac{1}{8}$ D) $\dfrac{1}{2}$

10) A wheel spinner with five equally-sized spaces numbered 0 to 4 is spun twice. Find the sample space, and determine the probability of an odd number on the first spin and an even number on the second spin (*Note:* 0 is considered even.)

A) $\dfrac{6}{25}$ B) $\dfrac{19}{25}$ C) $\dfrac{9}{25}$ D) $\dfrac{4}{25}$

11) If the probability that it will rain tomorrow is 0.39, what is the probability that it will not rain tomorrow?

A) 0.61   B) -0.39   C) 0.39   D) 1.39

1) A
2) D
3) C
4) C
5) A
6) C
7) B
8) A
9) B
10) A
11) A