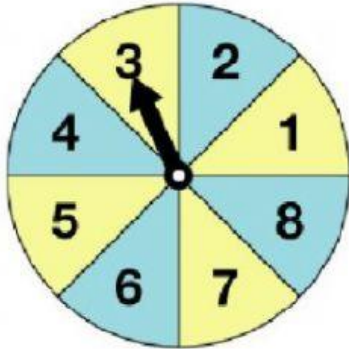


Complete the given 3 worksheets

Probability

1. Here is a fair 8-sided spinner.



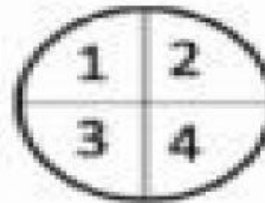
Choose the correct answer for each question.

impossible	unlikely	even	likely	certain
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- (a) What is the probability of landing on an even number? \_\_\_\_\_
- (b) What is the probability of landing on a number greater than 3? \_\_\_\_\_
- (c) What is the probability of landing on a number less than 10? \_\_\_\_\_
- (d) What is the probability of landing on a prime number? \_\_\_\_\_
- (e) What is the probability of landing on a whole number? \_\_\_\_\_
- (f) What is the probability of landing on a fraction? \_\_\_\_\_
- (g) What is the probability of landing on a multiple of 3? \_\_\_\_\_

1- Theoretically, what is the probability that you will land on 4?

- A) 0%
- B) 25%
- C) 10%



2-What is the theoretical probability of rolling a 2 on a dice?

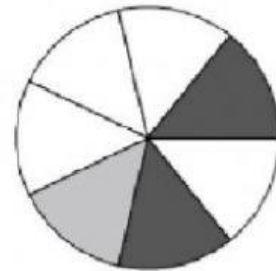
- A)  $\frac{1}{6}$
- B)  $\frac{2}{6}$
- C)  $\frac{10}{15}$



3- Maya flips a fair coin 40 times. How many times can she expect heads to appear?

- A) 20
- B) 10
- C) 15

3- If you spun the spinner 1 time, what is the probability it would land on a white piece?



- a)  $\frac{4}{7}$                       b)  $\frac{2}{7}$   
c)  $\frac{6}{7}$                       d)  $\frac{3}{7}$

4- If you were to select 1 shape at random from the array, what is the probability it will be a star?



- a)  $\frac{12}{25}$                       b)  $\frac{10}{24}$   
b)  $\frac{11}{25}$                       c)  $\frac{0}{25}$

5- If you were to roll the dice one time what is the probability it will land on a 6?



- a) 0                              b)  $\frac{1}{6}$   
b)  $\frac{2}{6}$                               c)  $\frac{3}{6}$

6- If you were to roll the dice one time, what is the probability of it landing on an odd number?



- a)  $\frac{3}{6}$                               b)  $\frac{1}{6}$   
b)  $\frac{2}{6}$                               d) 0