## Use each diagram to solve the problems.







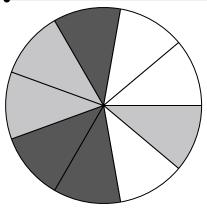




- 1) Which shape has a 40.00% chance (8 out of 20) of being selected?
- 2) If you were to select 1 shape at random from the array, what shape do you have the greatest probability of selecting?
- 3) How many shapes are there total in the array?
- **4)** If you were to select 1 shape at random from the array, what is the probability it will be a circle?
- 5) If you were to roll the dice one time what is the probability it will land on a 5?



- 6) If you were to roll the dice one time, what is the probability of it landing on an odd number?
- 7) If you were to roll the dice one time what is the probability it will NOT land on a 1?



- 8) If you spun the spinner 1 time, what is the probability of landing on either a gray piece or a white piece?
- 9) If you spun the spinner 1 time, what is the probability it would land on a white piece?
- 10) If you spun the spinner 1 time, what is the probability it would land on a gray piece?
- 11) If you spun the spinner 1 time, what is the probability it would land on a black piece?
- 12) How many pieces are there total in the spinner?



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2. \_\_\_\_\_

3.

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_



## **Basic Probability**

Name:

Answer Key

Use each diagram to solve the problems.

1) Which shape has a 40.00% chance (8 out of 20) of being selected?

Answers

circle

star

2) If you were to select 1 shape at random from the array, what shape do you have the greatest probability of selecting?

3.

How many shapes are there total in the array?

5 out of 20

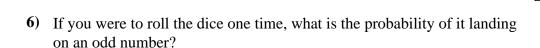
4) If you were to select 1 shape at random from the array, what is the probability it will be a circle?

1 out of 6 5.

**3** out of **6** 6.

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





6 out of 9

3 out of 9

If you were to roll the dice one time what is the probability it will NOT land on a 1?

3 out of 9

3 out of 9

8) If you spun the spinner 1 time, what is the probability of landing on either a gray piece or a white piece?

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

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

11) If you spun the spinner 1 time, what is the probability it would land on a black piece?

**12)** How many pieces are there total in the spinner?