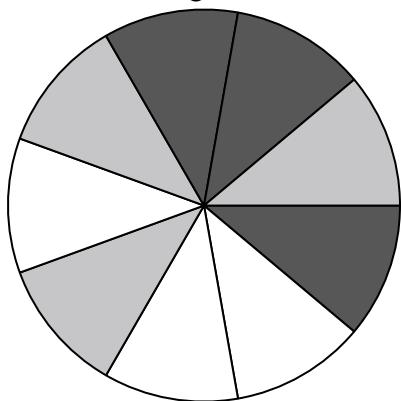




## Basic Probability

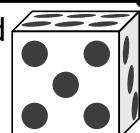
Name: \_\_\_\_\_

Use each diagram to solve the problems.



- 1) How many pieces are there total in the spinner?
- 2) If you spun the spinner 1 time, what is the probability it would land on a gray piece?
- 3) If you spun the spinner 1 time, what is the probability of landing on either a white piece or a gray piece?
- 4) If you spun the spinner 1 time, what is the probability it would land on a black piece?
- 5) If you spun the spinner 1 time, what is the probability it would land on a white piece?

6) If you were to roll the dice one time what is the probability it will land on a 4?



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

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



9) How many shapes are there total in the array?



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

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

12) Which shape has a 30.00% chance (6 out of 20) of being selected?

## Answers

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_

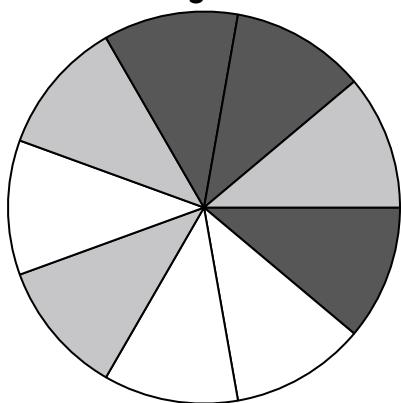


## Basic Probability

Name: \_\_\_\_\_

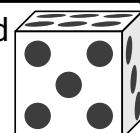
## Answer Key

Use each diagram to solve the problems.



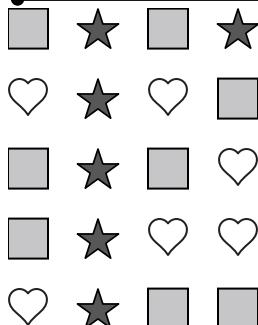
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## Answers

1. **9**
2. **3 out of 9**
3. **6 out of 9**
4. **3 out of 9**
5. **3 out of 9**
6. **1 out of 6**
7. **3 out of 6**
8. **5 out of 6**
9. **20**
10. **8 out of 20**
11. **heart**
12. **heart**