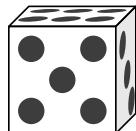




Basic Probability

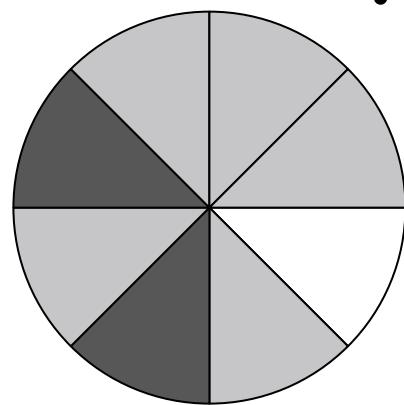
Name: _____

Use each diagram to solve the problems.



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

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

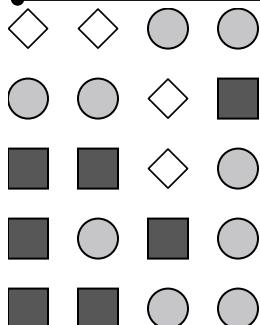


5) If you spun the spinner 1 time, what is the probability it would land on a gray piece?

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

7) How many pieces are there total in the spinner?

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



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

10) Which shape has a 20.00% chance (4 out of 20) of being selected?

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

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

Answers

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



Basic Probability

Name: _____

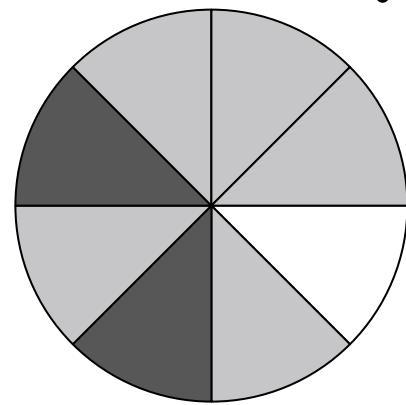
Answer Key

Use each diagram to solve the problems.



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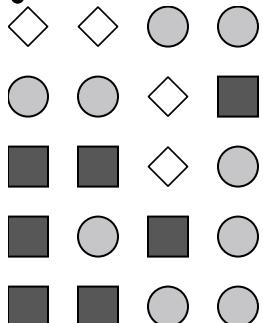


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Answers

1. **3 out of 6**

2. **1 out of 6**

3. **5 out of 6**

4. **1 out of 8**

5. **5 out of 8**

6. **2 out of 8**

7. **8**

8. **7 out of 8**

9. **diamond**

10. **diamond**

11. **20**

12. **9 out of 20**