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 3?

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

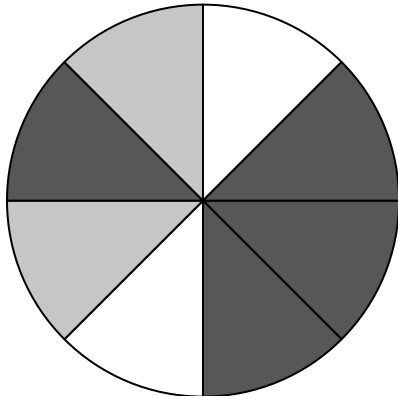**4)** Which shape has a 25.00% chance (4 out of 16) of being selected?

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

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

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

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

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

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

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

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

Answers

1. _____

2. _____

3. _____

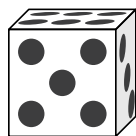4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

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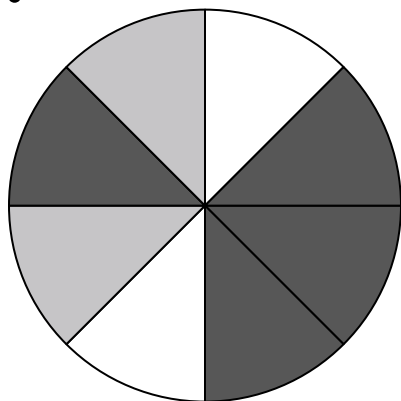**4)** Which shape has a 25.00% chance (4 out of 16) of being selected?

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Answers

1. **3 out of 6**

2. **1 out of 6**

3. **5 out of 6**

4. **heart**

5. **5 out of 16**

6. **16**

7. **heart**

8. **2 out of 8**

9. **2 out of 8**

10. **8**

11. **6 out of 8**

12. **4 out of 8**

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