Basic Probability   Name: _____
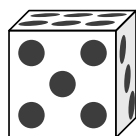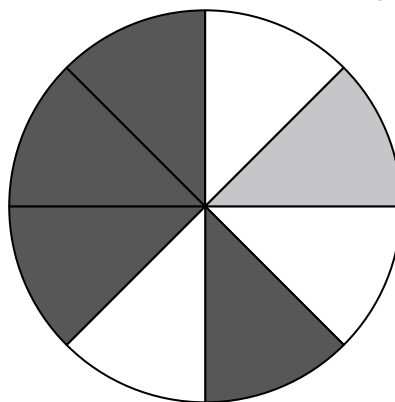
Use each diagram to solve the problems.

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

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

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

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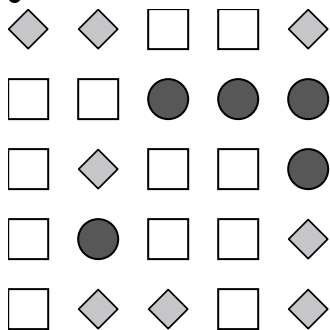
5) If you spun the spinner 1 time, what is the probability it would land on a white piece?

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

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

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

9) Which shape has a 32.00% chance (8 out of 25) of being selected?

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

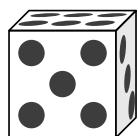**11)** How many shapes are there total in the array?

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

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

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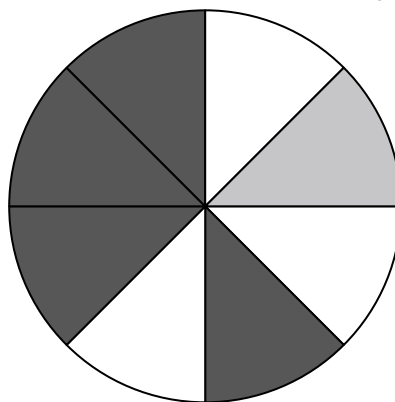| 1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Name:

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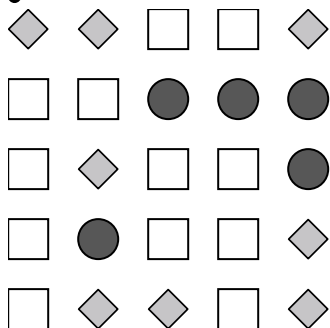**4)** If you spun the spinner 1 time, what is the probability it would land on a gray piece?

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

Answers

1. **5 out of 6**
2. **3 out of 6**
3. **1 out of 6**
4. **1 out of 8**
5. **3 out of 8**
6. **8**
7. **4 out of 8**
8. **4 out of 8**
9. **diamond**
10. **5 out of 25**
11. **25**
12. **circle**

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