

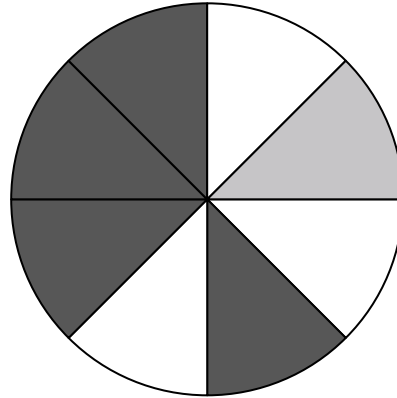


Use each diagram to solve the problems.



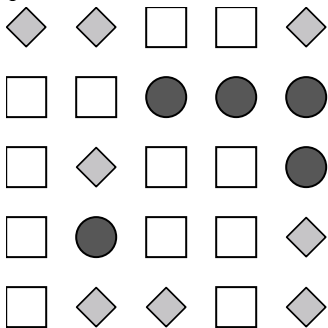
- 1) If you were to roll the dice one time what is the probability it will NOT land on a 1?
- 2) If you were to roll the dice one time, what is the probability of it landing on an even number?
- 3) If you were to roll the dice one time what is the probability it will land on a 4?

- 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?



Answers

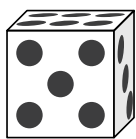
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____



- 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?



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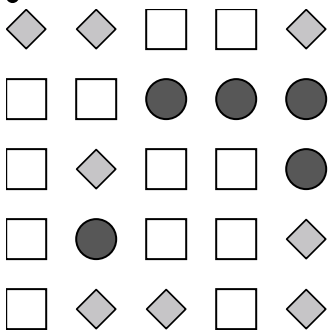
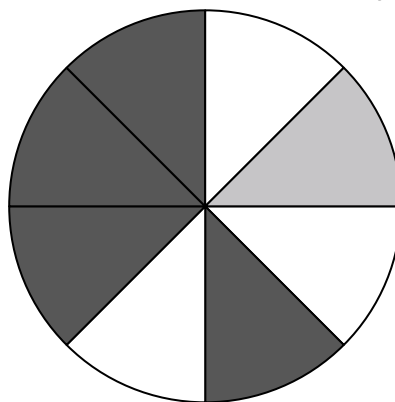
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12) If you were to select 1 shape at random from the array, what shape do you have the greatest probability of selecting?

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**