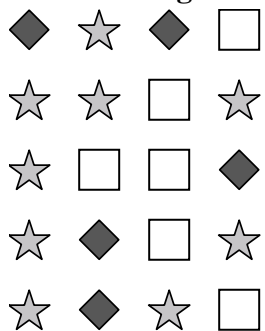


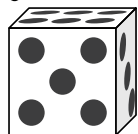
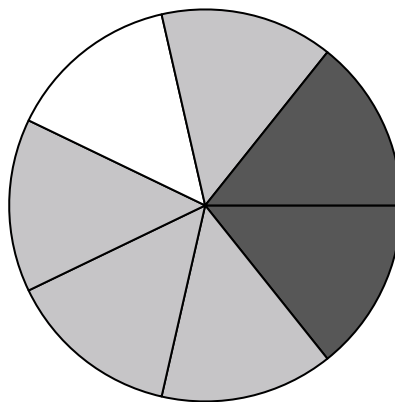


Use each diagram to solve the problems.



- 1) If you were to select 1 shape at random from the array, what is the probability it will be a diamond?
- 2) If you were to select 1 shape at random from the array, what shape do you have the greatest probability of selecting?
- 3) How many shapes are there total in the array?
- 4) Which shape has a 30.00% chance (6 out of 20) of being selected?

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



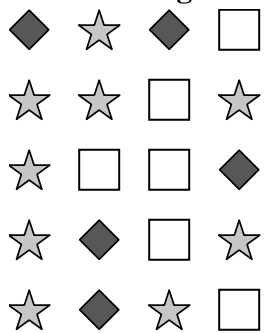
- 10) If you were to roll the dice one time, what is the probability of it landing on an even number?
- 11) If you were to roll the dice one time what is the probability it will NOT land on a 1?
- 12) If you were to roll the dice one time what is the probability it will land on a 5?

Answers

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



Use each diagram to solve the problems.



- 1) If you were to select 1 shape at random from the array, what is the probability it will be a diamond?
- 2) If you were to select 1 shape at random from the array, what shape do you have the greatest probability of selecting?
- 3) How many shapes are there total in the array?
- 4) Which shape has a 30.00% chance (6 out of 20) of being selected?

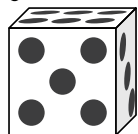
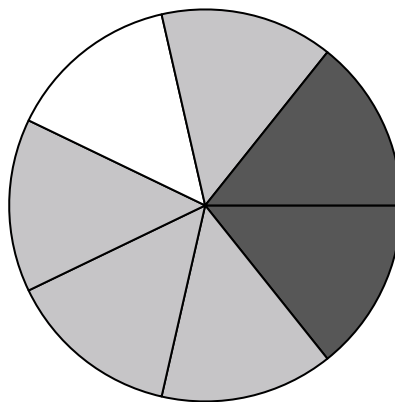
-
- 5) If you spun the spinner 1 time, what is the probability it would land on a black piece?

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

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

- 8) How many pieces are there total in the spinner?

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



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

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

- 12) If you were to roll the dice one time what is the probability it will land on a 5?

Answers1. **5 out of 20**2. **diamond**3. **20**4. **square**5. **2 out of 7**6. **4 out of 7**7. **5 out of 7**8. **7**9. **1 out of 7**10. **3 out of 6**11. **5 out of 6**12. **1 out of 6**