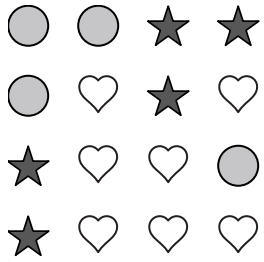


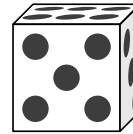


Use each diagram to solve the problems.

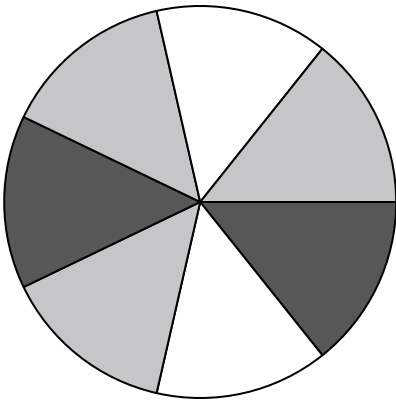


- 1) If you were to select 1 shape at random from the array, what is the probability it will be a star?
- 2) Which shape has a 43.75% chance (7 out of 16) of being selected?
- 3) If you were to select 1 shape at random from the array, what shape do you have the greatest probability of selecting?
- 4) How many shapes are there total in the array?

-
- 5) If you were to roll the dice one time what is the probability it will land on a 2?



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



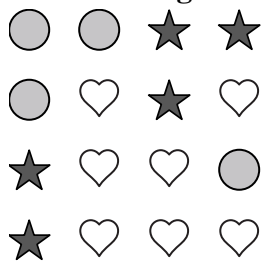
- 8) If you spun the spinner 1 time, what is the probability it would land on a white piece?
- 9) How many pieces are there total in the spinner?
- 10) If you spun the spinner 1 time, what is the probability of landing on either a white piece or a black piece?
- 11) If you spun the spinner 1 time, what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

Answers

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

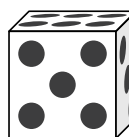


Use each diagram to solve the problems.



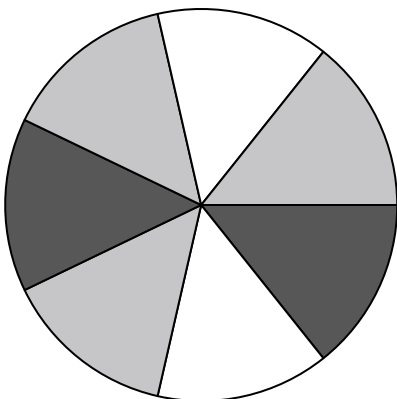
- 1) If you were to select 1 shape at random from the array, what is the probability it will be a star?
- 2) Which shape has a 43.75% chance (7 out of 16) of being selected?
- 3) If you were to select 1 shape at random from the array, what shape do you have the greatest probability of selecting?
- 4) How many shapes are there total in the array?

5) If you were to roll the dice one time what is the probability it will land on a 2?



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

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



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

Answers

1. **5 out of 16**

2. **heart**

3. **circle**

4. **16**

5. **1 out of 6**

6. **5 out of 6**

7. **3 out of 6**

8. **2 out of 7**

9. **7**

10. **4 out of 7**

11. **2 out of 7**

12. **3 out of 7**