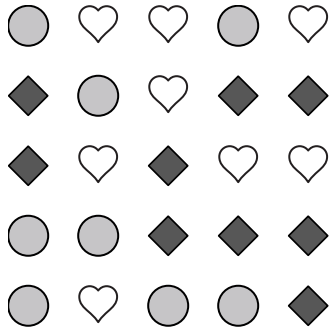




Use each diagram to solve the problems.



- 1) If you were to select 1 shape at random from the array, what is the probability it will be a heart?
- 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 36.00% chance (9 out of 25) of being selected?

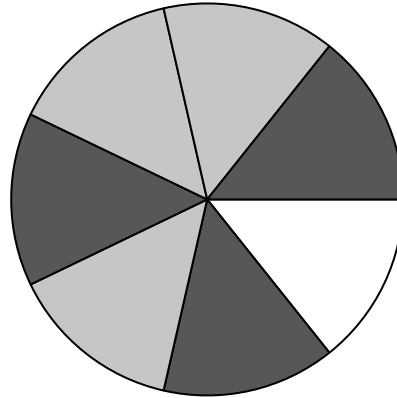
5) How many pieces are there total in the spinner?

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

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

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

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



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

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

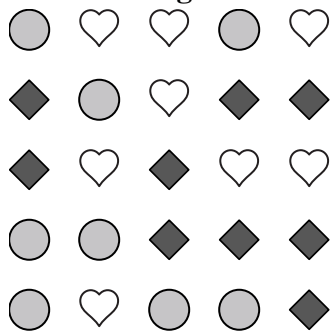
12) If you were to roll the dice one time, what is the probability of it landing on an odd number?

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 heart?
- 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 36.00% chance (9 out of 25) of being selected?

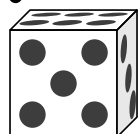
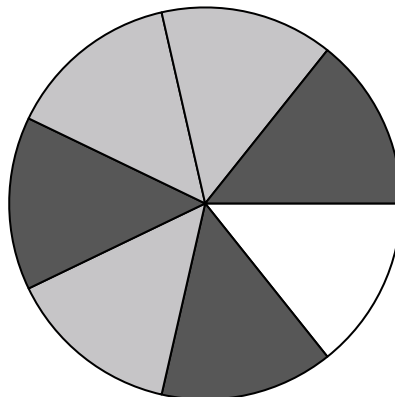
5) How many pieces are there total in the spinner?

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

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

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

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



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

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

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

Answers

1. **8 out of 25**

2. **circle**

3. **25**

4. **diamond**

5. **7**

6. **1 out of 7**

7. **3 out of 7**

8. **4 out of 7**

9. **3 out of 7**

10. **5 out of 6**

11. **1 out of 6**

12. **3 out of 6**