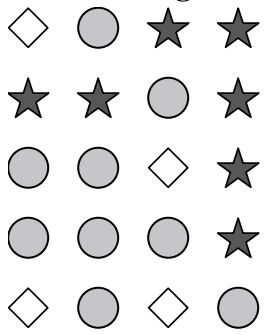


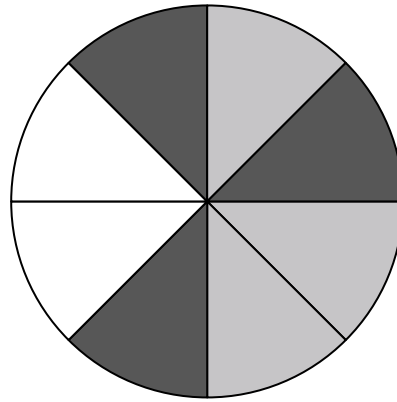


Use each diagram to solve the problems.



- 1) How many shapes are there total in the array?
- 2) If you were to select 1 shape at random from the array, what is the probability it will be a diamond?
- 3) Which shape has a 45.00% chance (9 out of 20) of being selected?
- 4) If you were to select 1 shape at random from the array, what shape do you have the greatest probability of selecting?

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



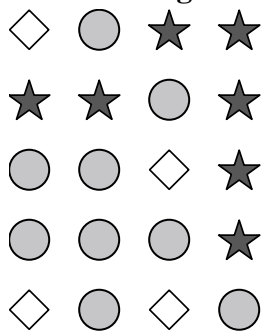
- 10) If you were to roll the dice one time what is the probability it will land on a 5?
- 11) If you were to roll the dice one time what is the probability it will NOT land on a 1?
- 12) If you were to roll the dice one time, what is the probability of it landing on an odd number?

Answers

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



Use each diagram to solve the problems.



- 1) How many shapes are there total in the array?
- 2) If you were to select 1 shape at random from the array, what is the probability it will be a diamond?
- 3) Which shape has a 45.00% chance (9 out of 20) of being selected?
- 4) If you were to select 1 shape at random from the array, what shape do you have the greatest probability of selecting?

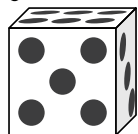
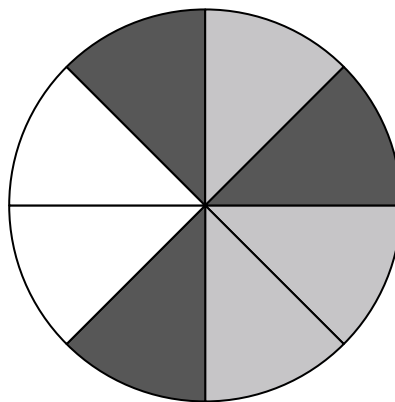
5) If you spun the spinner 1 time, what is the probability it would land on a black piece?

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

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 it would land on a white piece?

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



- 10) If you were to roll the dice one time what is the probability it will land on a 5?
- 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 of it landing on an odd number?

Answers

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