

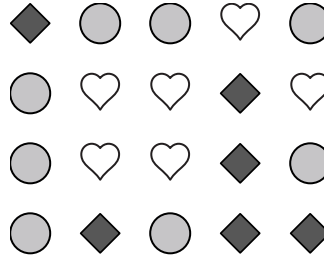


Use each diagram to solve the problems.



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

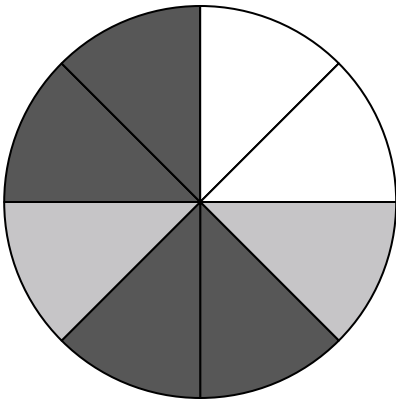
4) Which shape has a 40.00% chance (8 out of 20) of being selected?



5) How many shapes are there total in the array?

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

7) If you were to select 1 shape at random from the array, what is the probability it will be a diamond?



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 it would land on a black piece?

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

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

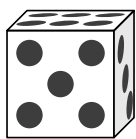
12) If you spun the spinner 1 time, what is the probability of landing on either a white piece or a gray piece?

Answers

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_
- 5. \_\_\_\_\_
- 6. \_\_\_\_\_
- 7. \_\_\_\_\_
- 8. \_\_\_\_\_
- 9. \_\_\_\_\_
- 10. \_\_\_\_\_
- 11. \_\_\_\_\_
- 12. \_\_\_\_\_

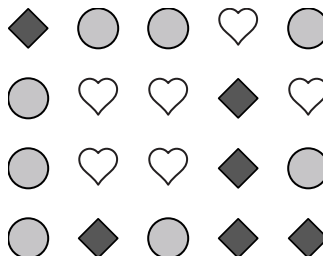


Use each diagram to solve the problems.



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

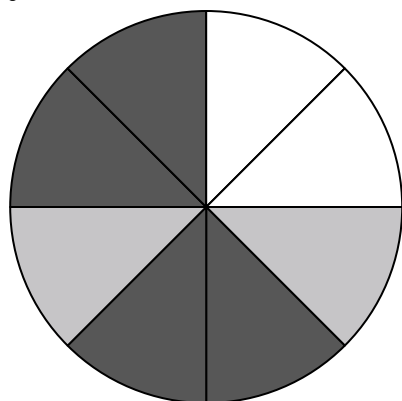
4) Which shape has a 40.00% chance (8 out of 20) of being selected?



5) How many shapes are there total in the array?

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

7) If you were to select 1 shape at random from the array, what is the probability it will be a diamond?



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

Answers

1. 1 out of 6

2. 5 out of 6

3. 3 out of 6

4. circle

5. 20

6. diamond

7. 6 out of 20

8. 2 out of 8

9. 4 out of 8

10. 2 out of 8

11. 8

12. 4 out of 8