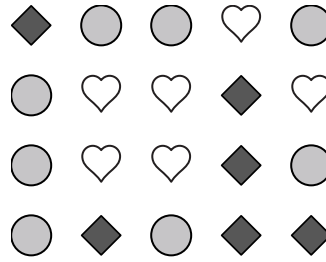




Use each diagram to solve the problems.

1) Which shape has a 0.40% chance (8 out of 20) of being selected?



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

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

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



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

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?

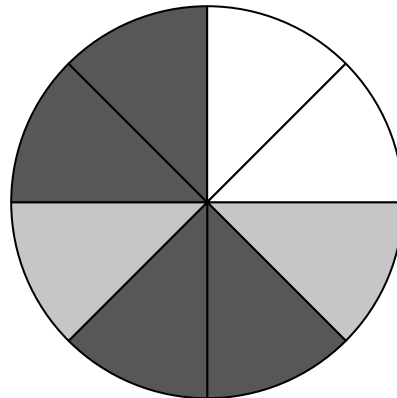
8) If you spun the spinner 1 time, what is the probability it would land on a white piece?

9) 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?



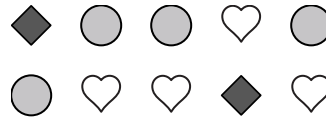
Answers

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

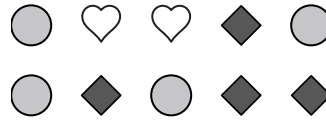


Use each diagram to solve the problems.

1) Which shape has a 0.40% chance (8 out of 20) of being selected?



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



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

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



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

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?

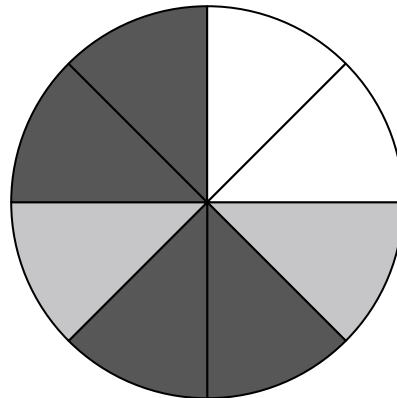
8) If you spun the spinner 1 time, what is the probability it would land on a white piece?

9) 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. circle

2. 20

3. diamond

4. 6 out of 20

5. 1 out of 6

6. 5 out of 6

7. 3 out of 6

8. 2 out of 8

9. 4 out of 8

10. 2 out of 8

11. 8

12. 4 out of 8