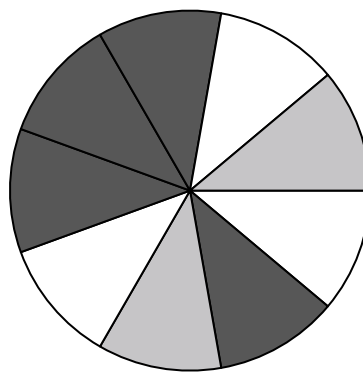




Use each diagram to solve the problems.

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



1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

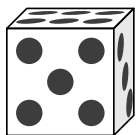
8. _____

9. _____

10. _____

11. _____

12. _____



- 6) If you were to roll the dice one time what is the probability it will land on a 1?
- 7) If you were to roll the dice one time what is the probability it will NOT land on a 4?
- 8) If you were to roll the dice one time, what is the probability of it landing on an even number?

- 9) How many shapes are there total in the array?

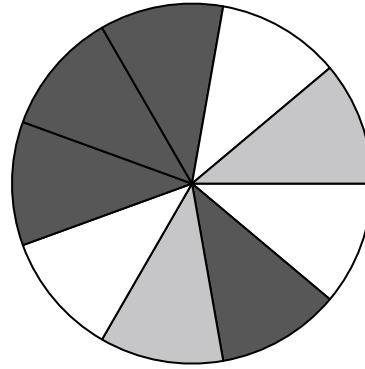
- 10) If you were to select 1 shape at random from the array, what is the probability it will be a heart?
- 11) If you were to select 1 shape at random from the array, what shape do you have the greatest probability of selecting?
- 12) Which shape has a 30% chance (6 out of 20) of being selected?





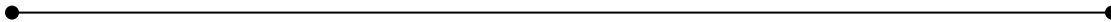
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- 5) If you spun the spinner 1 time, what is the probability of landing on either a white piece or a gray piece?



Answers

1. 9
2. 2 out of 9
3. 4 out of 9
4. 3 out of 9
5. 5 out of 9
6. 1 out of 6
7. 5 out of 6
8. 3 out of 6
9. 20
10. 9 out of 20
11. heart
12. star



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