



Use each diagram to solve the problems.



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

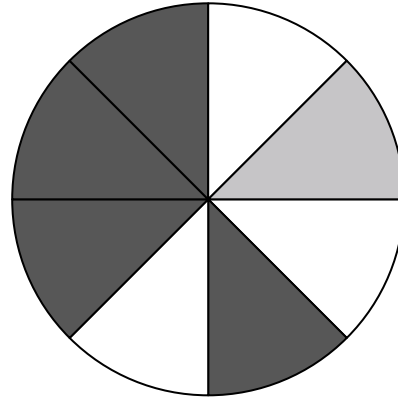
4) If you spun the spinner 1 time, what is the probability it would land on a gray piece?

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

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

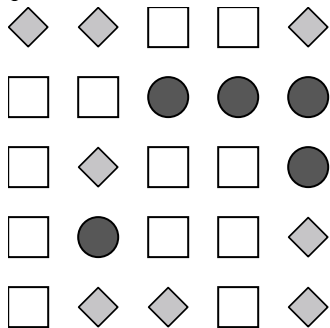
7) If you spun the spinner 1 time, what is the probability of landing on either a gray piece or a white piece?

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



Answers

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



9) Which shape has a 32.00% chance (8 out of 25) of being selected?

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

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

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

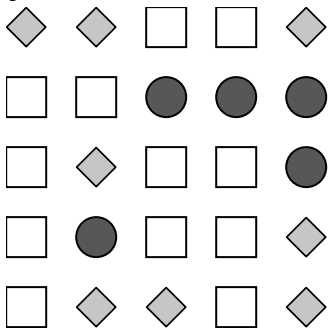
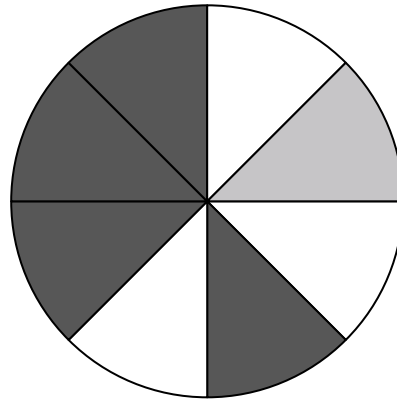


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- 9) Which shape has a 32.00% chance (8 out of 25) of being selected?
- 10) If you were to select 1 shape at random from the array, what is the probability it will be a circle?
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Answers

- 1. 5 out of 6
- 2. 3 out of 6
- 3. 1 out of 6
- 4. 1 out of 8
- 5. 3 out of 8
- 6. 8
- 7. 4 out of 8
- 8. 4 out of 8
- 9. diamond
- 10. 5 out of 25
- 11. 25
- 12. circle