

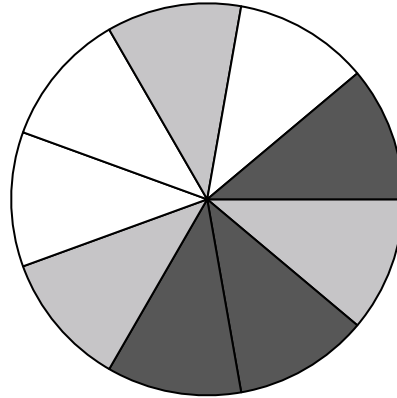


Use each diagram to solve the problems.



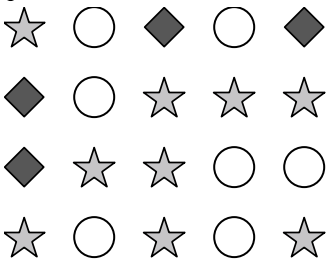
- 1) If you were to roll the dice one time what is the probability it will land on a 6?
- 2) If you were to roll the dice one time what is the probability it will NOT land on a 1?
- 3) If you were to roll the dice one time, what is the probability of it landing on an odd number?

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



Answers

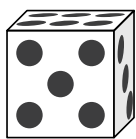
- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_
- 5. \_\_\_\_\_
- 6. \_\_\_\_\_
- 7. \_\_\_\_\_
- 8. \_\_\_\_\_
- 9. \_\_\_\_\_
- 10. \_\_\_\_\_
- 11. \_\_\_\_\_
- 12. \_\_\_\_\_



- 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 diamond?
- 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 45.00% chance (9 out of 20) of being selected?

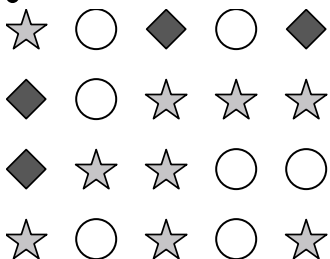
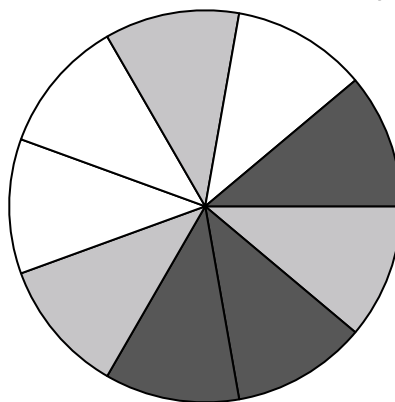


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Answers

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