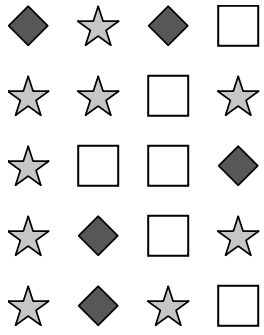


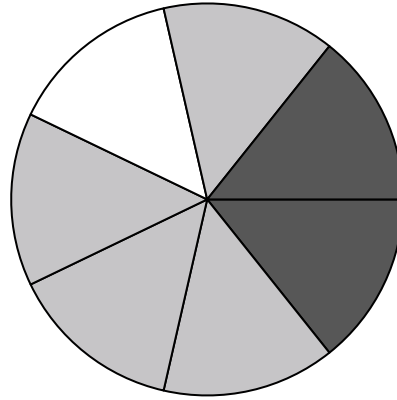


Use each diagram to solve the problems.



- 1) If you were to select 1 shape at random from the array, what is the probability it will be a diamond?
- 2) If you were to select 1 shape at random from the array, what shape do you have the greatest probability of selecting?
- 3) How many shapes are there total in the array?
- 4) Which shape has a 30.00% chance (6 out of 20) of being selected?

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



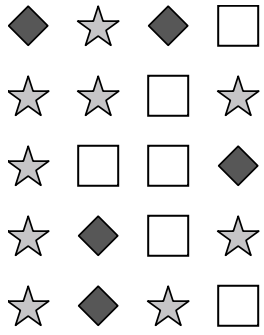
- 10) If you were to roll the dice one time, what is the probability of it landing on an even number?
- 11) If you were to roll the dice one time what is the probability it will NOT land on a 1?
- 12) If you were to roll the dice one time what is the probability it will land on a 5?

Answers

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

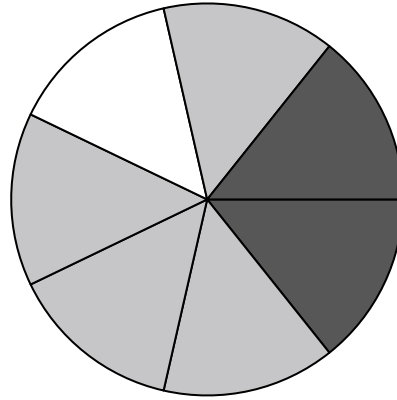


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Answers

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