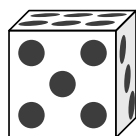


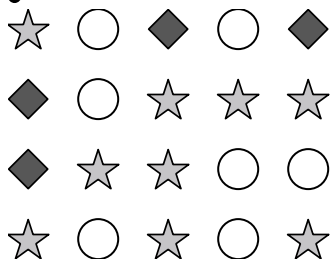
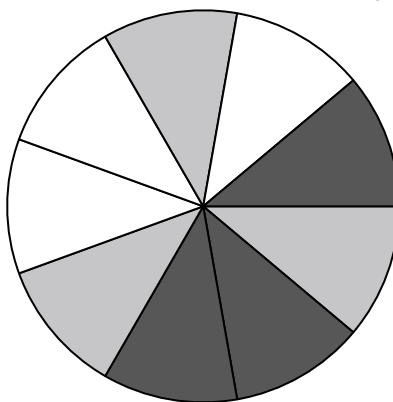


Use each diagram to solve the problems.



- 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?



- 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?

**Answers**

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

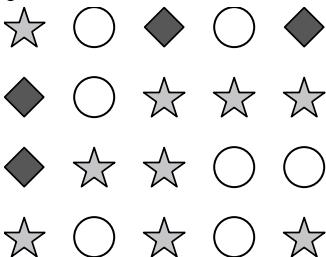
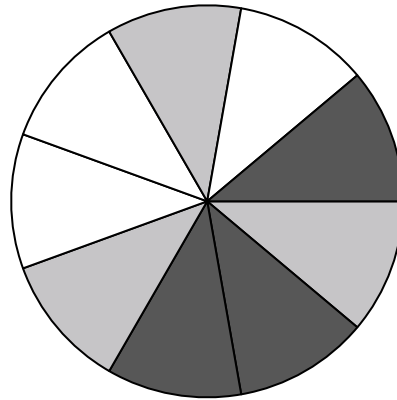


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**Answers**

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**