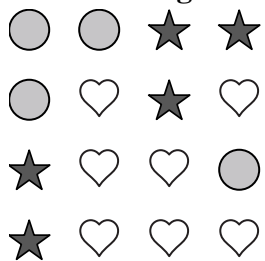


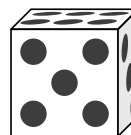


Use each diagram to solve the problems.

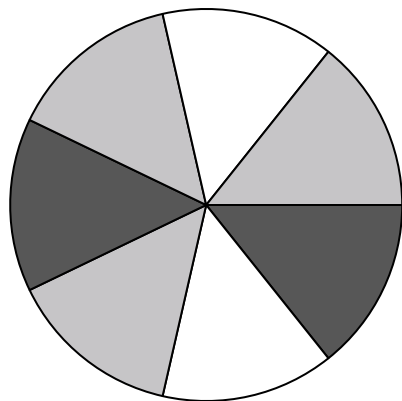


- 1) If you were to select 1 shape at random from the array, what is the probability it will be a star?
- 2) Which shape has a 43.75% chance (7 out of 16) of being selected?
- 3) If you were to select 1 shape at random from the array, what shape do you have the greatest probability of selecting?
- 4) How many shapes are there total in the array?

- 
- 5) If you were to roll the dice one time what is the probability it will land on a 2?



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



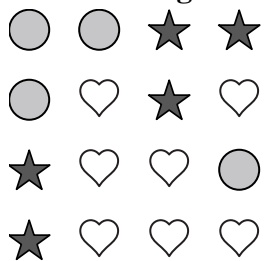
- 8) If you spun the spinner 1 time, what is the probability it would land on a white piece?
- 9) How many pieces are there total in the spinner?
- 10) If you spun the spinner 1 time, what is the probability of landing on either a white piece or a black piece?
- 11) If you spun the spinner 1 time, what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

**Answers**

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

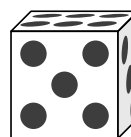


Use each diagram to solve the problems.

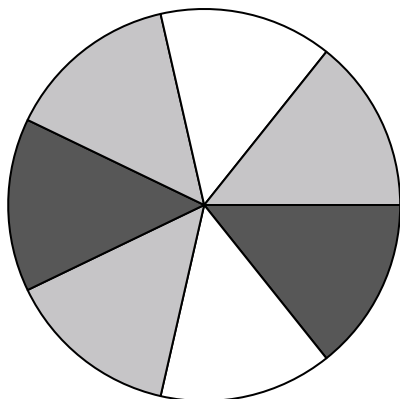


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**Answers**1. **5 out of 16**2. **heart**3. **circle**4. **16**5. **1 out of 6**6. **5 out of 6**7. **3 out of 6**8. **2 out of 7**9. **7**10. **4 out of 7**11. **2 out of 7**12. **3 out of 7**