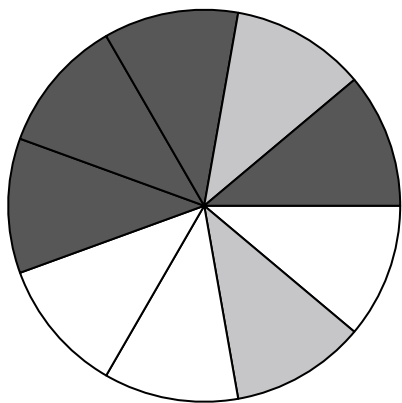


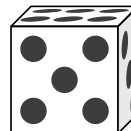


Use each diagram to solve the problems.

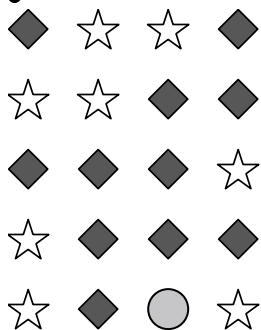


- 1) If you spun the spinner 1 time, what is the probability it would land on a black piece?
- 2) If you spun the spinner 1 time, what is the probability of landing on either a black piece or a white piece?
- 3) If you spun the spinner 1 time, what is the probability it would land on a gray piece?
-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

- 
- 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 it will land on a 4?
- 8) If you were to roll the dice one time, what is the probability of it landing on an odd number?



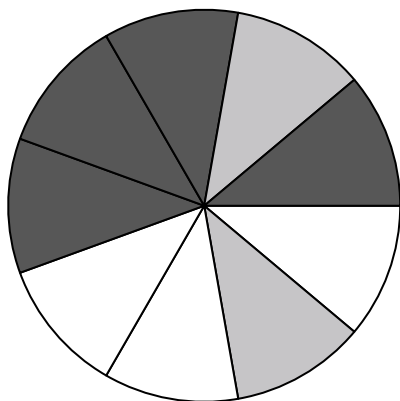
- 9) Which shape has a 40.00% chance (8 out of 20) of being selected?
- 10) If you were to select 1 shape at random from the array, what shape do you have the greatest probability of selecting?
- 11) If you were to select 1 shape at random from the array, what is the probability it will be a diamond?
- 12) How many shapes are there total in the array?

**Answers**

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

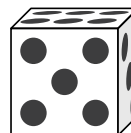


Use each diagram to solve the problems.

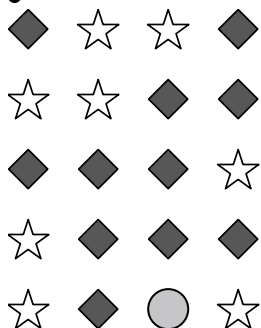


- 1) If you spun the spinner 1 time, what is the probability it would land on a black piece?
- 2) If you spun the spinner 1 time, what is the probability of landing on either a black piece or a white piece?
- 3) If you spun the spinner 1 time, what is the probability it would land on a gray piece?
-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

- 
- 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 it will land on a 4?
- 8) If you were to roll the dice one time, what is the probability of it landing on an odd number?



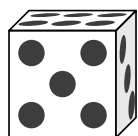
- 9) Which shape has a 40.00% chance (8 out of 20) of being selected?
- 10) If you were to select 1 shape at random from the array, what shape do you have the greatest probability of selecting?
- 11) If you were to select 1 shape at random from the array, what is the probability it will be a diamond?
- 12) How many shapes are there total in the array?

Answers

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

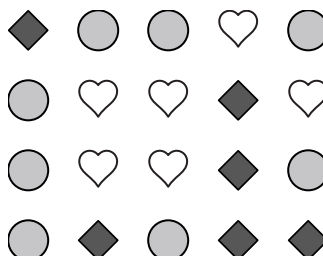


Use each diagram to solve the problems.



- 1) If you were to roll the dice one time what is the probability it will land on a 3?
- 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?

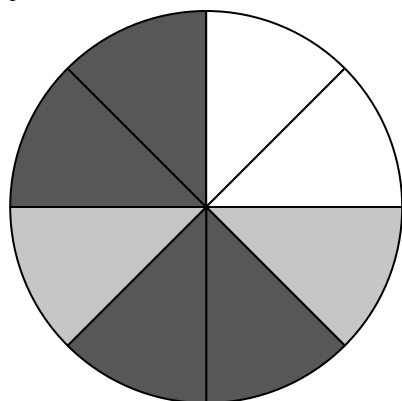
- 
- 4) Which shape has a 40.00% chance (8 out of 20) of being selected?



- 5) How many shapes are there total in the array?

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

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



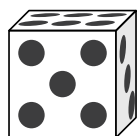
- 8) If you spun the spinner 1 time, what is the probability it would land on a white piece?
- 9) If you spun the spinner 1 time, what is the probability it would land on a black piece?
- 10) If you spun the spinner 1 time, what is the probability it would land on a gray piece?
- 11) How many pieces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

**Answers**

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

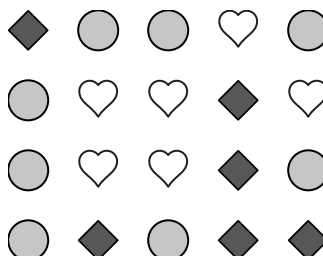


Use each diagram to solve the problems.



- 1) If you were to roll the dice one time what is the probability it will land on a 3?
- 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?

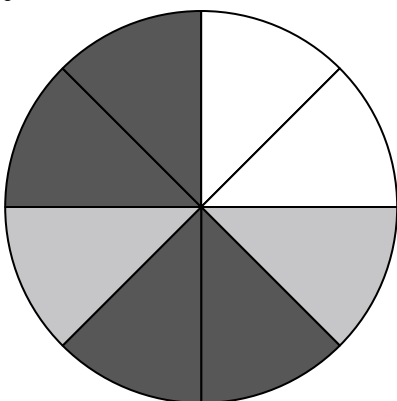
- 
- 4) Which shape has a 40.00% chance (8 out of 20) of being selected?



- 5) How many shapes are there total in the array?

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

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

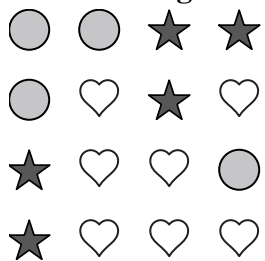


- 8) If you spun the spinner 1 time, what is the probability it would land on a white piece?
- 9) If you spun the spinner 1 time, what is the probability it would land on a black piece?
- 10) If you spun the spinner 1 time, what is the probability it would land on a gray piece?
- 11) How many pieces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

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

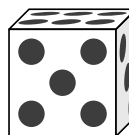


Use each diagram to solve the problems.

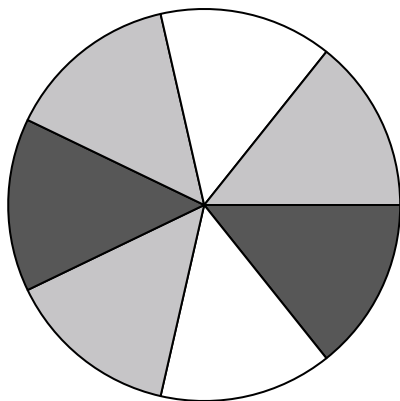


- 1) If you were to select 1 shape at random from the array, what is the probability it will be a star?
- 2) Which shape has a 43.75% chance (7 out of 16) of being selected?
- 3) If you were to select 1 shape at random from the array, what shape do you have the greatest probability of selecting?
- 4)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



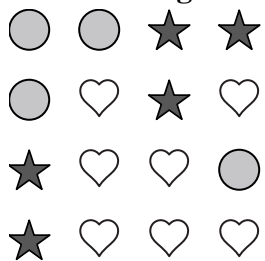
- 8) If you spun the spinner 1 time, what is the probability it would land on a white piece?
- 9) How many pieces are there total in the spinner?
- 10) If you spun the spinner 1 time, what is the probability of landing on either a white piece or a black piece?
- 11) If you spun the spinner 1 time, what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

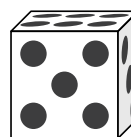


Use each diagram to solve the problems.

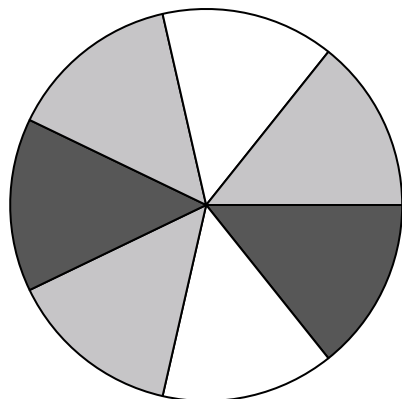


- 1) If you were to select 1 shape at random from the array, what is the probability it will be a star?
- 2) Which shape has a 43.75% chance (7 out of 16) of being selected?
- 3) If you were to select 1 shape at random from the array, what shape do you have the greatest probability of selecting?
- 4)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

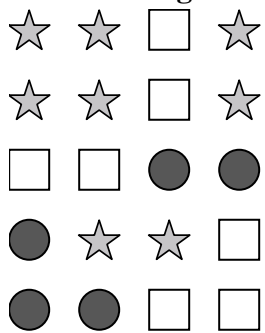


- 8) If you spun the spinner 1 time, what is the probability it would land on a white piece?
- 9) How many pieces are there total in the spinner?
- 10) If you spun the spinner 1 time, what is the probability of landing on either a white piece or a black piece?
- 11) If you spun the spinner 1 time, what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

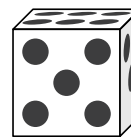


Use each diagram to solve the problems.

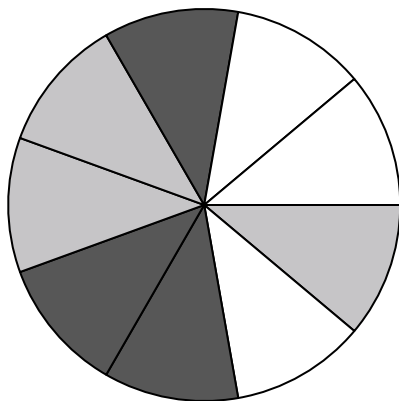


- 1) Which shape has a 40.00% chance (8 out of 20) of being selected?
- 2) If you were to select 1 shape at random from the array, what shape do you have the greatest probability of selecting?
- 3) How many shapes are there total in the array?
- 4) If you were to select 1 shape at random from the array, what is the probability it will be a circle?

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



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



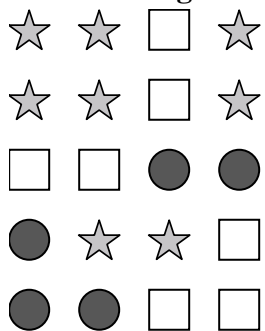
- 8) If you spun the spinner 1 time, what is the probability of landing on either a gray piece or a white piece?
- 9) If you spun the spinner 1 time, what is the probability it would land on a white piece?
- 10) If you spun the spinner 1 time, what is the probability it would land on a gray piece?
-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

**Answers**

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

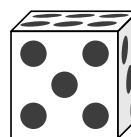


Use each diagram to solve the problems.

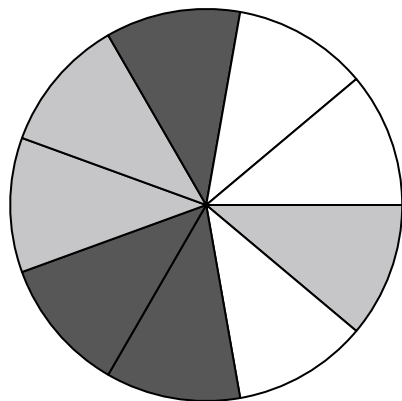


- 1) Which shape has a 40.00% chance (8 out of 20) of being selected?
- 2) If you were to select 1 shape at random from the array, what shape do you have the greatest probability of selecting?
- 3) How many shapes are there total in the array?
- 4) If you were to select 1 shape at random from the array, what is the probability it will be a circle?

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



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



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

**Answers**

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





Use each diagram to solve the problems.

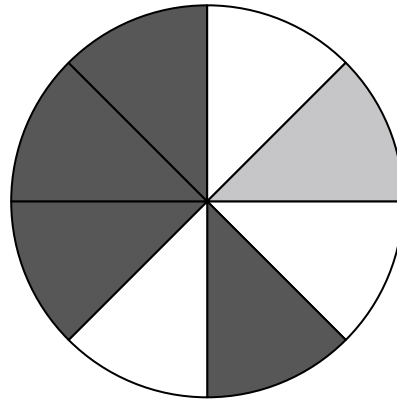


- 1) If you were to roll the dice one time what is the probability it will NOT land on a 1?
- 2) If you were to roll the dice one time, what is the probability of it landing on an even number?
- 3) If you were to roll the dice one time what is the probability it will land on a 4?

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

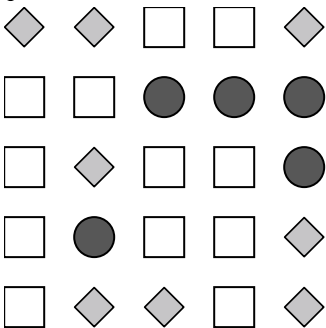
- 5) If you spun the spinner 1 time, what is the probability it would land on a white piece?

- 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?



- 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?

**Answers**

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



Use each diagram to solve the problems.

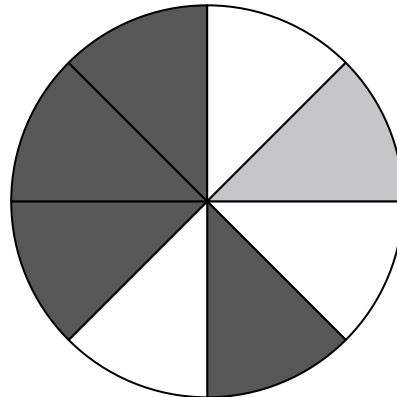


- 1) If you were to roll the dice one time what is the probability it will NOT land on a 1?
- 2) If you were to roll the dice one time, what is the probability of it landing on an even number?
- 3) If you were to roll the dice one time what is the probability it will land on a 4?

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

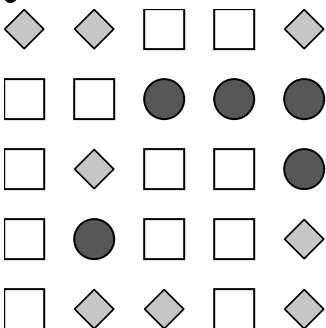
5) If you spun the spinner 1 time, what is the probability it would land on a white piece?

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?



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?

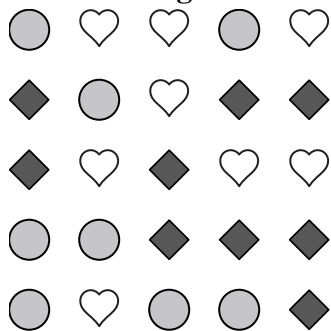
12) If you were to select 1 shape at random from the array, what shape do you have the greatest probability of selecting?

**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**



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 heart?
- 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 36.00% chance (9 out of 25) of being selected?

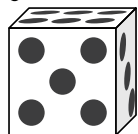
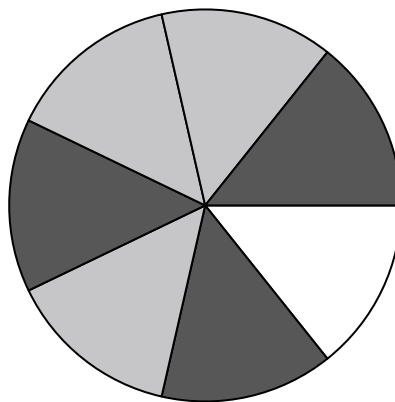
- 
- 5) How many pieces are there total in the spinner?

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

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

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

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



- 10) If you were to roll the dice one time what is the probability it will NOT land on a 1?

- 11) If you were to roll the dice one time what is the probability it will land on a 3?

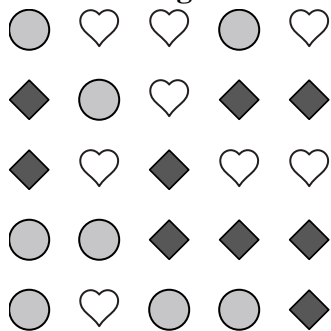
- 12) If you were to roll the dice one time, what is the probability of it landing on an odd number?

**Answers**

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



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 heart?
- 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 36.00% chance (9 out of 25) of being selected?

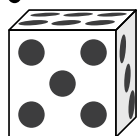
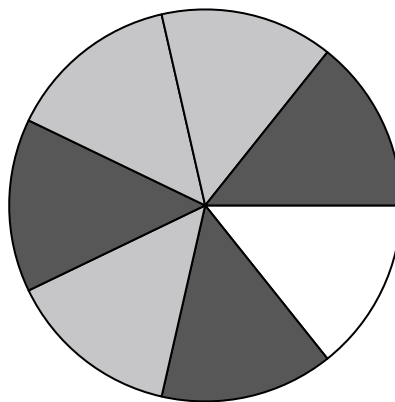
- 
- 5) How many pieces are there total in the spinner?

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

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

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

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



- 10) If you were to roll the dice one time what is the probability it will NOT land on a 1?

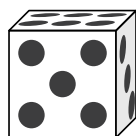
- 11) If you were to roll the dice one time what is the probability it will land on a 3?

- 12) If you were to roll the dice one time, what is the probability of it landing on an odd number?

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

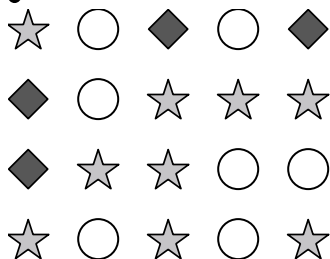
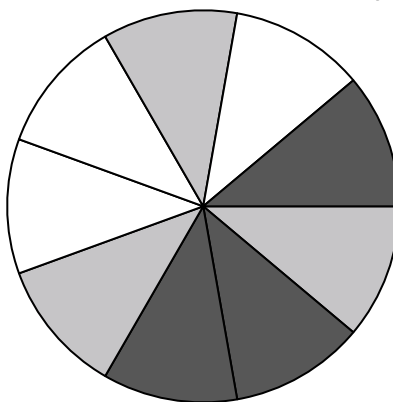


Use each diagram to solve the problems.



- 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?



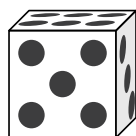
- 9) How many shapes are there total in the array?
- 10) If you were to select 1 shape at random from the array, what is the probability it will be a diamond?
- 11) If you were to select 1 shape at random from the array, what shape do you have the greatest probability of selecting?
- 12) Which shape 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. \_\_\_\_\_

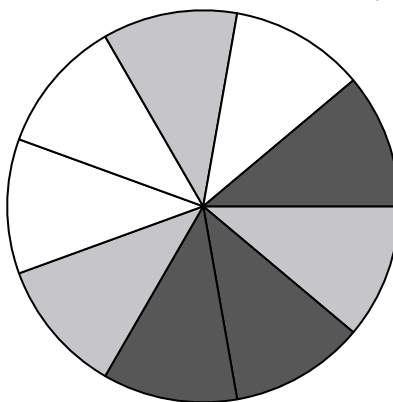


Use each diagram to solve the problems.

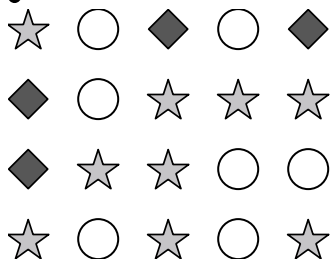


- 1) If you were to roll the dice one time what is the probability it will land on a 6?
- 2) If you were to roll the dice one time what is the probability it will NOT land on a 1?
- 3) If you were to roll the dice one time, what is the probability of it landing on an odd number?

- 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?



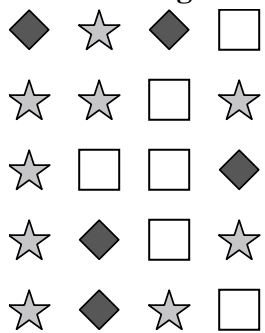
- 9) How many shapes are there total in the array?
- 10) If you were to select 1 shape at random from the array, what is the probability it will be a diamond?
- 11) If you were to select 1 shape at random from the array, what shape do you have the greatest probability of selecting?
- 12) Which shape has a 45.00% chance (9 out of 20) of being selected?

**Answers**

1. **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**

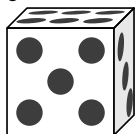
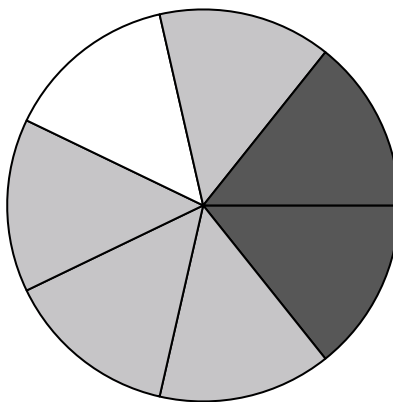


Use each diagram to solve the problems.



- 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?

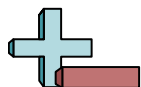
- 5) If you spun the spinner 1 time, what is the probability it would land on a black piece?
- 6) If you spun the spinner 1 time, what is the probability it would land on a gray piece?
- 7) If you spun the spinner 1 time, what is the probability of landing on either a white piece or a gray piece?
- 8) 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?



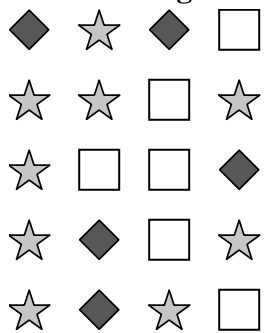
- 10) If you were to roll the dice one time, what is the probability of it landing on an even number?
- 11) If you were to roll the dice one time what is the probability it will NOT land on a 1?
- 12) If you were to roll the dice one time what is the probability it will land on a 5?

**Answers**

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



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?

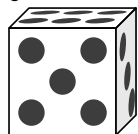
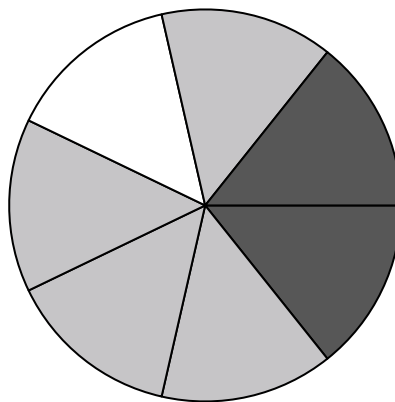
- 
- 5) If you spun the spinner 1 time, what is the probability it would land on a black piece?

- 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?

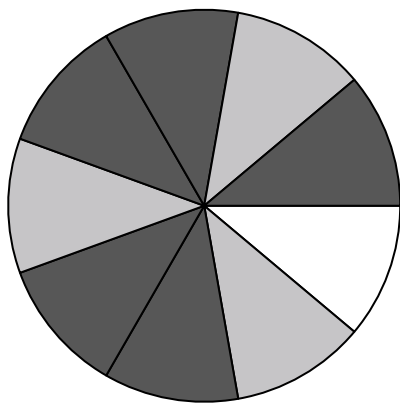
- 12) If you were to roll the dice one time what is the probability it will land on a 5?

**Answers**1. **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**



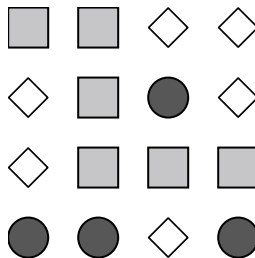


Use each diagram to solve the problems.

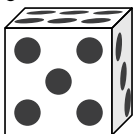


- 1) How many pieces are there total in the spinner?
- 2) If you spun the spinner 1 time, what is the probability it would land on a white piece?
- 3) If you spun the spinner 1 time, what is the probability it would land on a gray piece?
- 4) If you spun the spinner 1 time, what is the probability it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

- 
- 6) Which shape has a 37.50% chance (6 out of 16) of being selected?



- 7) If you were to select 1 shape at random from the array, what is the probability it will be a diamond?
- 8) If you were to select 1 shape at random from the array, what shape do you have the greatest probability of selecting?
- 9) How many shapes are there total in the array?



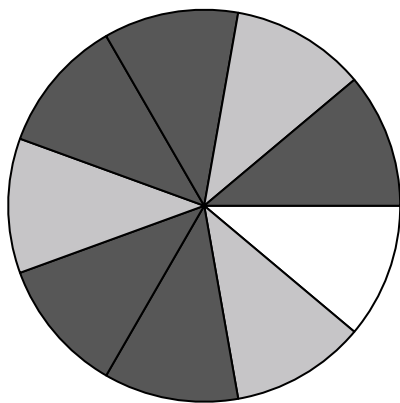
- 10) If you were to roll the dice one time what is the probability it will NOT land on a 1?
- 11) If you were to roll the dice one time, what is the probability of it landing on an odd number?
- 12) If you were to roll the dice one time what is the probability it will land on a 4?

**Answers**

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

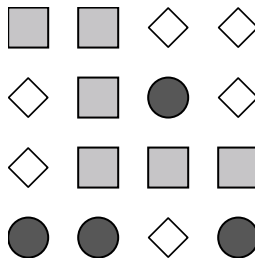


Use each diagram to solve the problems.

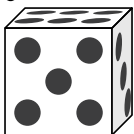


- 1) How many pieces are there total in the spinner?
- 2) If you spun the spinner 1 time, what is the probability it would land on a white piece?
- 3) If you spun the spinner 1 time, what is the probability it would land on a gray piece?
- 4) If you spun the spinner 1 time, what is the probability it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

- 
- 6) Which shape has a 37.50% chance (6 out of 16) of being selected?



- 7) If you were to select 1 shape at random from the array, what is the probability it will be a diamond?
- 8) If you were to select 1 shape at random from the array, what shape do you have the greatest probability of selecting?
- 9) How many shapes are there total in the array?



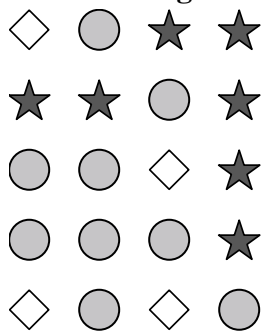
- 10) If you were to roll the dice one time what is the probability it will NOT land on a 1?
- 11) If you were to roll the dice one time, what is the probability of it landing on an odd number?
- 12) If you were to roll the dice one time what is the probability it will land on a 4?

**Answers**

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



Use each diagram to solve the problems.



- 1) How many shapes are there total in the array?
- 2) If you were to select 1 shape at random from the array, what is the probability it will be a diamond?
- 3) Which shape has a 45.00% chance (9 out of 20) of being selected?
- 4) If you were to select 1 shape at random from the array, what shape do you have the greatest probability of selecting?

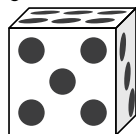
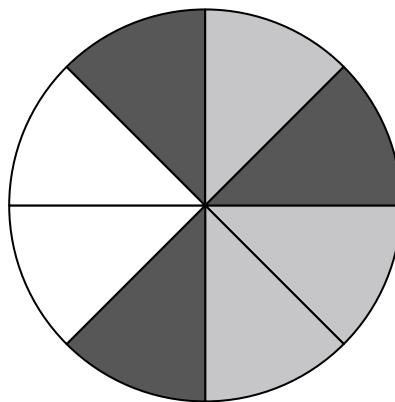
5) If you spun the spinner 1 time, what is the probability it would land on a black piece?

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

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

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

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



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

11) If you were to roll the dice one time what is the probability it will NOT land on a 1?

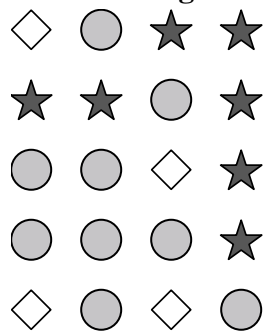
12) If you were to roll the dice one time, what is the probability of it landing on an odd number?

**Answers**

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



Use each diagram to solve the problems.



- 1) How many shapes are there total in the array?
- 2) If you were to select 1 shape at random from the array, what is the probability it will be a diamond?
- 3) Which shape has a 45.00% chance (9 out of 20) of being selected?
- 4) If you were to select 1 shape at random from the array, what shape do you have the greatest probability of selecting?

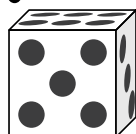
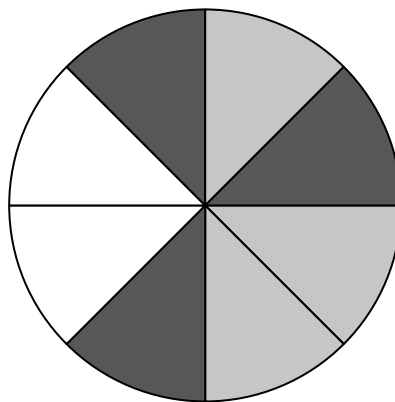
5) If you spun the spinner 1 time, what is the probability it would land on a black piece?

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

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

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

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



- 10) If you were to roll the dice one time what is the probability it will land on a 5?
- 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 of it landing on an odd number?

**Answers**

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