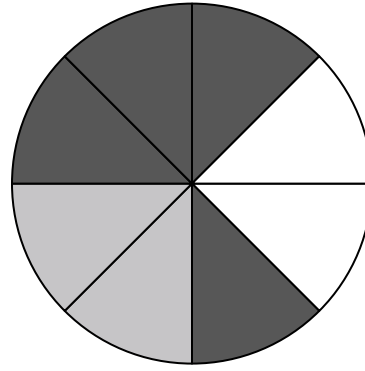




Use each diagram to solve the problems.

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

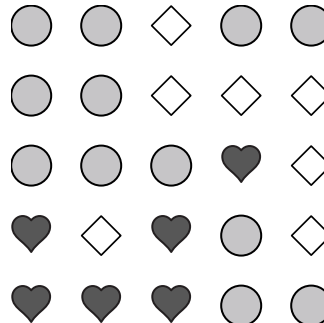
Answers

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



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

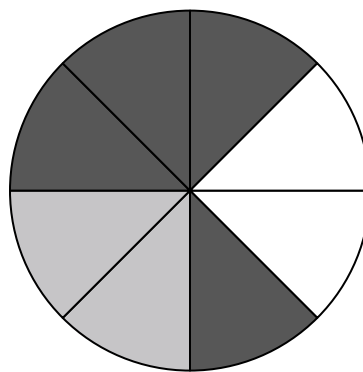
- 9) How many shapes are there total in the array?
- 10) If you were to select 1 shape at random from the array, what is the probability it will be a circle?
- 11) If you were to select 1 shape at random from the array, what shape do you have the greatest probability of selecting?
- 12) Which shape has a 28% chance (7 out of 25) of being selected?



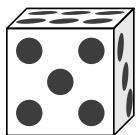


Use each diagram to solve the problems.

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

**Answers**

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



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

- 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 circle?
- 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 28% chance (7 out of 25) of being selected?

