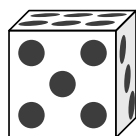




Use each diagram to solve the problems.



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

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



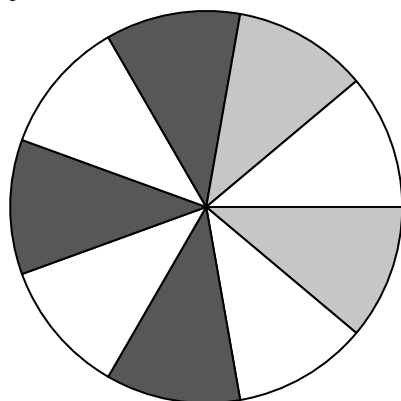
- 5) If you were to select 1 shape at random from the array, what is the probability it will be a heart?



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



- 7) Which shape has a 36.00% chance (9 out of 25) of being selected?



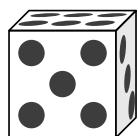
- 8) If you spun the spinner 1 time, what is the probability it would land on a white piece?
- 9) If you spun the spinner 1 time, what is the probability it would land on a black piece?
- 10) If you spun the spinner 1 time, what is the probability it would land on a gray piece?
- 11) If you spun the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

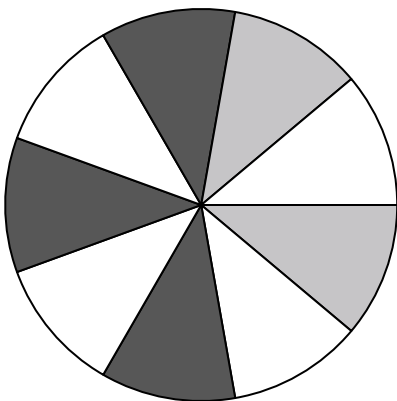


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**Answers**

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