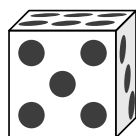


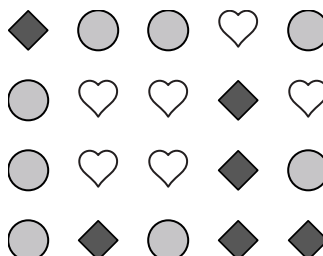


Use each diagram to solve the problems.



- 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?

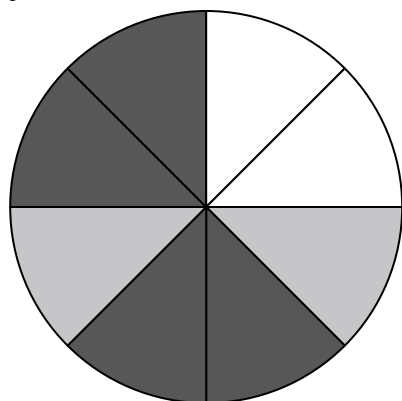
- 
- 4) Which shape has a 40.00% chance (8 out of 20) of being selected?



- 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?



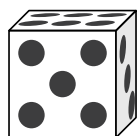
- 8) If you spun the spinner 1 time, what is the probability it would land on a white piece?
- 9) If you spun the spinner 1 time, what is the probability it would land on a black piece?
- 10) If you spun the spinner 1 time, what is the probability it would land on a gray piece?
- 11) How many pieces 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. \_\_\_\_\_

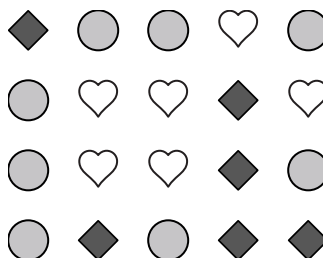


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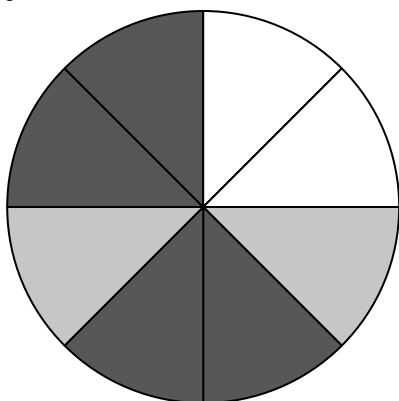
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**Answers**1. **1 out of 6**2. **5 out of 6**3. **3 out of 6**4. **circle**5. **20**6. **diamond**7. **6 out of 20**8. **2 out of 8**9. **4 out of 8**10. **2 out of 8**11. **8**12. **4 out of 8**