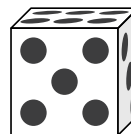




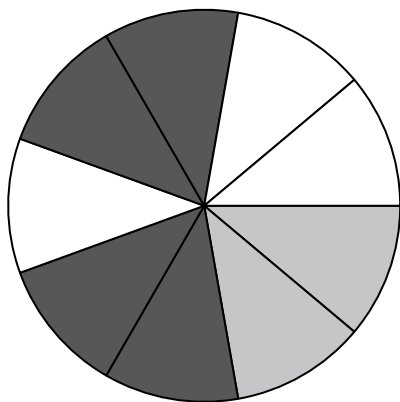
Use each diagram to solve the problems.

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



- 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 it will land on a 6?



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

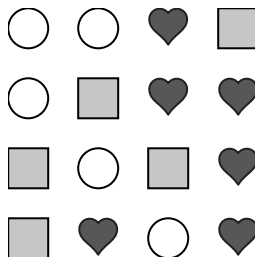
- 5) If you spun the spinner 1 time, what is the probability it would land on a white piece?

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

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

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

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



- 10) Which shape has a 0.31% chance (5 out of 16) of being selected?

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

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

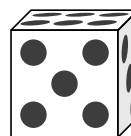
Answers

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



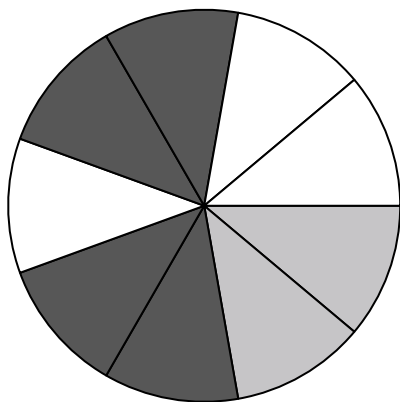
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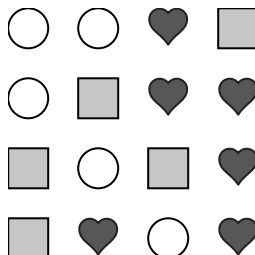
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Answers1. **3 out of 6**2. **5 out of 6**3. **1 out of 6**4. **9**5. **3 out of 9**6. **4 out of 9**7. **7 out of 9**8. **2 out of 9**9. **circle**10. **circle**11. **16**12. **6 out of 16**