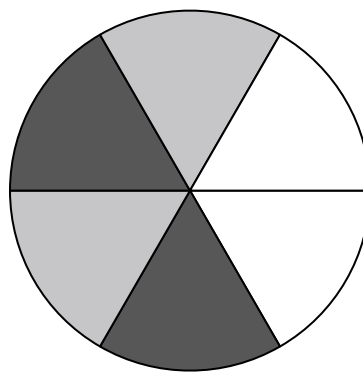




Use each diagram to solve the problems.

- 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 gray 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 5?
- 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 even number?

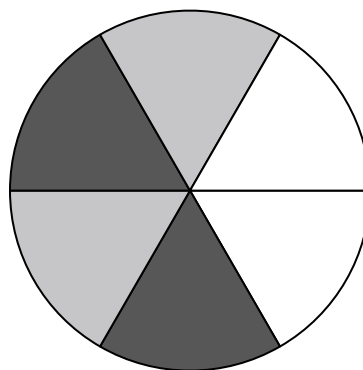
- 9) How many shapes are there total in the array?
- 10) If you were to select 1 shape at random from the array, what is the probability it will be a star?
- 11) If you were to select 1 shape at random from the array, what shape do you have the greatest probability of selecting?
- 12) Which shape has a 32% chance (8 out of 25) of being selected?



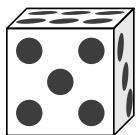


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**Answers**

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



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