

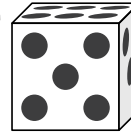


Use each diagram to solve the problems.



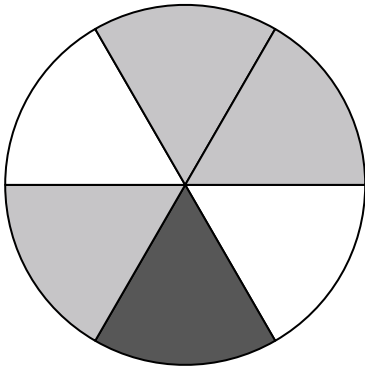
- 1) If you were to select 1 shape at random from the array, what is the probability it will be a star?
- 2) Which shape has a 0.35% chance (7 out of 20) of being selected?
- 3) How many shapes are there total in the array?
- 4) If you were to select 1 shape at random from the array, what shape do you have the greatest probability of selecting?

- 5) If you were to roll the dice one time what is the probability it will NOT land on a 4?



- 6) If you were to roll the dice one time what is the probability it will land on a 3?

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



- 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) How many pieces are there total in the spinner?
- 11) If you spun the spinner 1 time, what is the probability it would land on a gray piece?
- 12) If you spun the spinner 1 time, what is the probability of landing on either a white piece or a black piece?

Answers

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

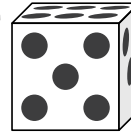


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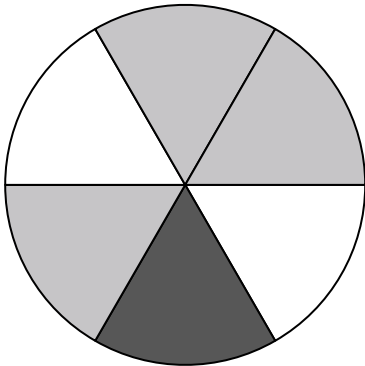


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Answers

1. **7 out of 20**
2. **star**
3. **20**
4. **heart**
5. **5 out of 6**
6. **1 out of 6**
7. **3 out of 6**
8. **2 out of 6**
9. **1 out of 6**
10. **6**
11. **3 out of 6**
12. **3 out of 6**