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?

1. _____

2) Which shape has a 0.44% chance (7 out of 16) of being selected?

2. _____

3. _____

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

4. _____

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

5. _____

6. _____

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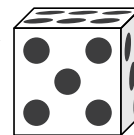
7. _____

6) How many pieces are there total in the spinner?

8. _____

9. _____

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

10. _____

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

11. _____

12. _____

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

10) If you were to roll the dice one time what is the probability it will land on a 2?

11) If you were to roll the dice one time what is the probability it will NOT land on a 1?

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

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

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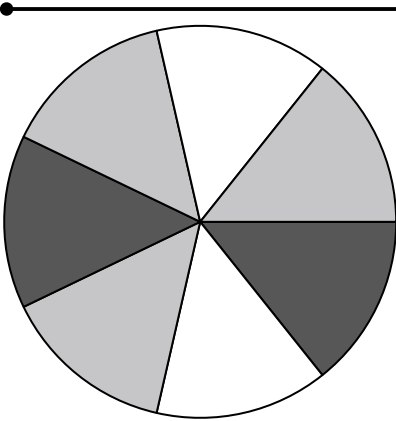
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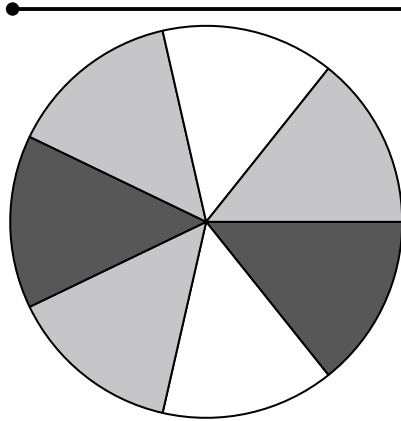
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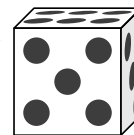
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Answers

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

1-10	92	83	75	67	58	50	42	33	25	17
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