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 6?

1. _____

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

2. _____

3. _____

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

4. _____

5. _____

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

6. _____

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

7. _____

8. _____

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

9. _____

10. _____

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

11. _____

12. _____

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

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 diamond?

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 45.00% chance (9 out of 20) of being selected?

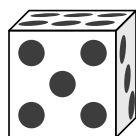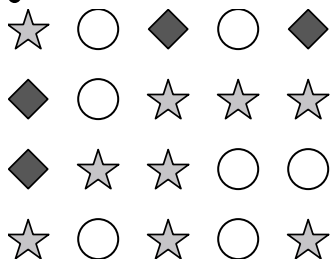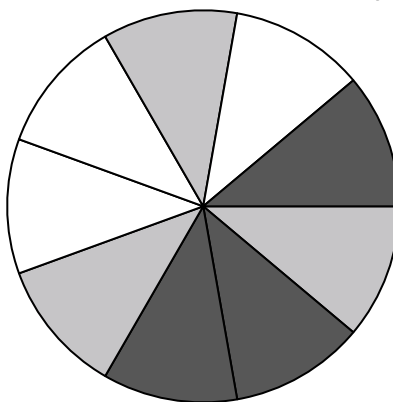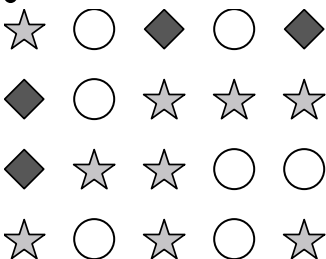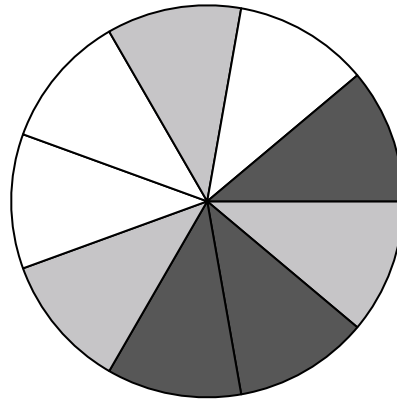| 1-10	92	83	75	67	58	50	42	33	25	17
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Answers

1. **1 out of 6**

2. **5 out of 6**

3. **3 out of 6**

4. **6 out of 9**

5. **3 out of 9**

6. **3 out of 9**

7. **9**

8. **3 out of 9**

9. **20**

10. **4 out of 20**

11. **diamond**

12. **star**

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