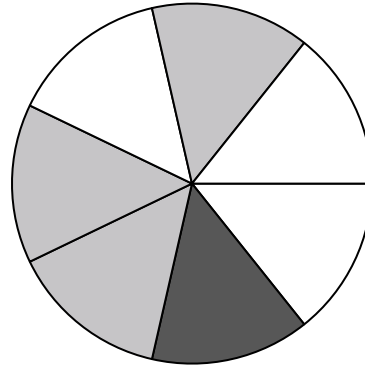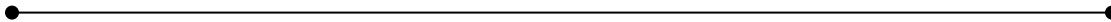Name:

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?

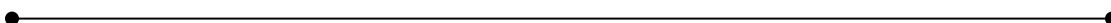**5)** If you spun the spinner 1 time, what is the probability of landing on either a gray piece or a black piece?
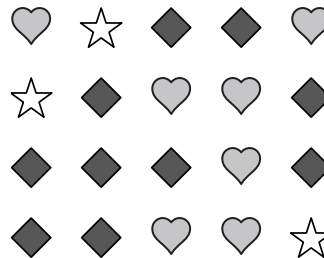
6) If you were to roll the dice one time what is the probability it will land on a 3?

7) If you were to roll the dice one time what is the probability it will NOT land on a 6?

8) If you were to roll the dice one time, what is the probability of it landing on an even number?
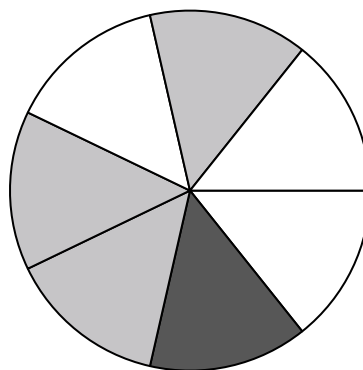
9) How many shapes are there total in the array?

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

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 35% chance (7 out of 20) of being selected?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

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

Name:

Use each diagram to solve the problems.

Answers

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

1. _____**7**_____

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

2. _____**3 out of 7**_____

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

3. _____**1 out of 7**_____

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

4. _____**3 out of 7**_____

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

5. _____**4 out of 7**_____

6. _____**1 out of 6**_____

7. _____**5 out of 6**_____

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

8. _____**3 out of 6**_____

7) If you were to roll the dice one time what is the probability it will NOT land on a 6?

9. _____**20**_____

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

10. _____**7 out of 20**_____

11. _____**diamond**_____

12. _____**heart**_____

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 heart?

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

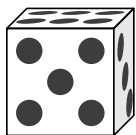12) Which shape has a 35% chance (7 out of 20) of being selected?

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