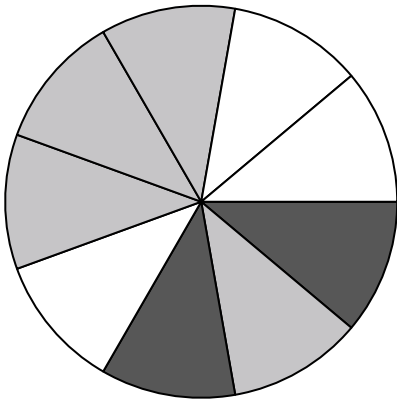**Use each diagram to solve the problems.**

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

1. _____

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

2. _____

3. _____

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

4. _____

5. _____

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

6. _____

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

7. _____

8. _____

6) Which shape has a 45.00% chance (9 out of 20) of being selected?

9. _____

10. _____

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

11. _____

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

12. _____

9) If you were to select 1 shape at random from the array, what shape do you have the greatest probability of selecting?
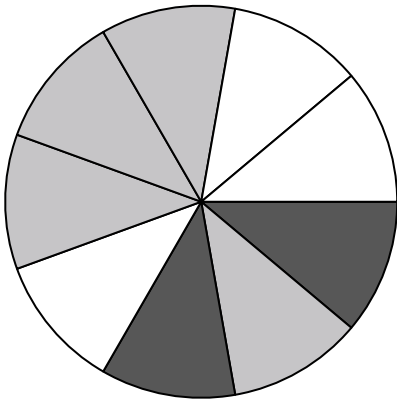
10) If you were to roll the dice one time what is the probability it will NOT land on a 1?

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

12) If you were to roll the dice one time what is the probability it will land on a 1?

Math

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

Use each diagram to solve the problems.

Answers

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

1. ____**9**____

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

2. ____**5 out of 9**____

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

3. ____**2 out of 9**____

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

4. ____**4 out of 9**____

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

5. ____**3 out of 9**____

6. ____**star**____

6) Which shape has a 45.00% chance (9 out of 20) of being selected?

7. ____**6 out of 20**____

8. ____**20**____

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

9. ____**diamond**____

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

10. ____**5 out of 6**____

11. ____**3 out of 6**____

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

12. ____**1 out of 6**____

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

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

12) If you were to roll the dice one time what is the probability it will land on a 1?

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