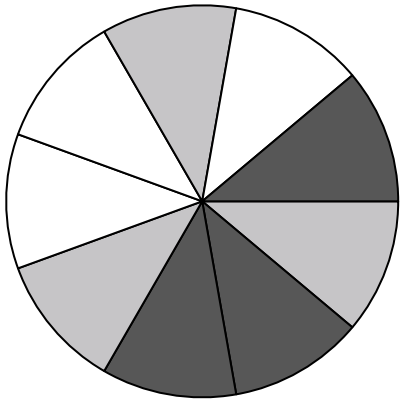
Basic Probability Name:

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?

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

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



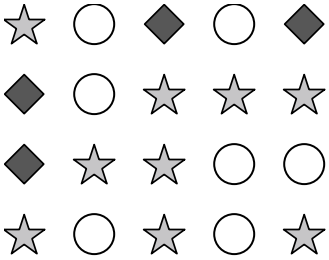
4) If you spun the spinner 1 time, what is the probability of landing on either a black piece or a white piece?

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

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

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

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?

Answers

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								

Basic Probability

Name: **Answer Key**

Use each diagram to solve the problems.

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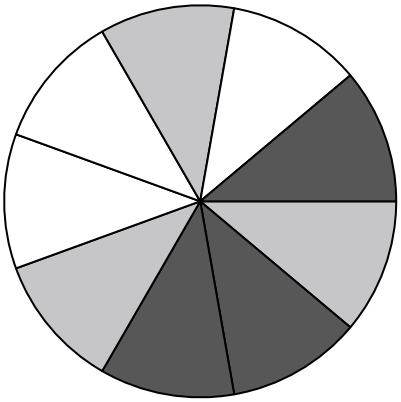

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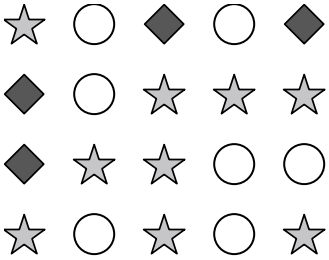

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12) Which shape has a 45.00% chance (9 out of 20) of being selected?

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
11-12	8	0								