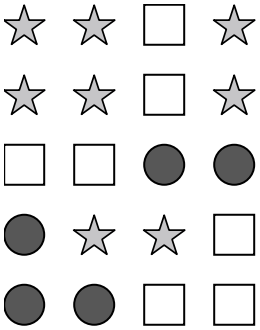
Use each diagram to solve the problems.



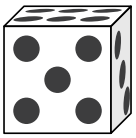
1) Which shape has a 40.00% chance (8 out of 20) of being selected?

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

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

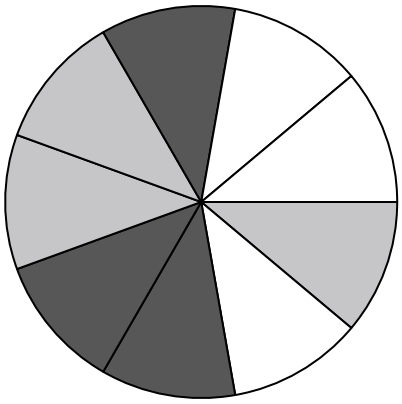
4) If you were to select 1 shape at random from the array, what is the probability it will be a circle?

5) If you were to roll the dice one time what is the probability it will land on a 5?



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

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



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

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

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

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

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

Answers

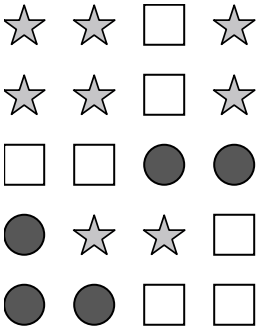
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____

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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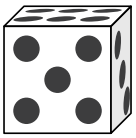

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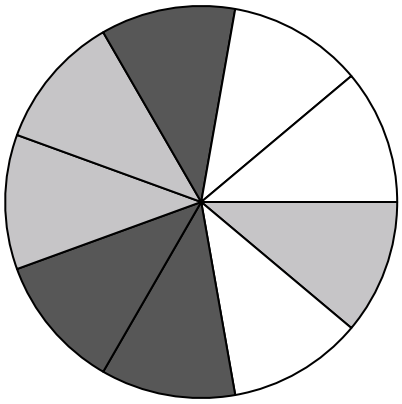

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12) How many pieces are there total in the spinner?

Answers

1. star
2. circle
3. 20
4. 5 out of 20
5. 1 out of 6
6. 3 out of 6
7. 5 out of 6
8. 6 out of 9
9. 3 out of 9
10. 3 out of 9
11. 3 out of 9
12. 9

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