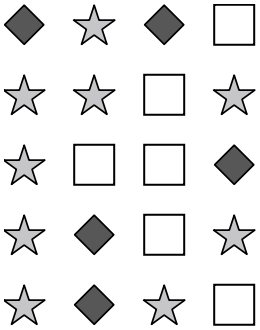
Basic Probability Name:

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

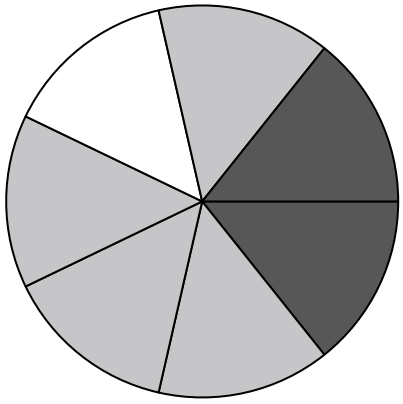


**1)** If you were to select 1 shape at random from the array, what is the probability it will be a diamond?

**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)** Which shape has a 30.00% chance (6 out of 20) of being selected?



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

**8)** How many pieces are there total in the spinner?

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

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

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

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

**Answers**

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

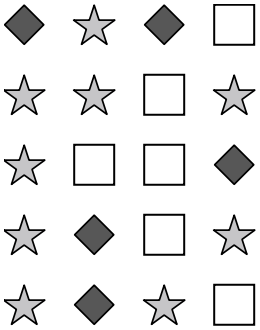


| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1-10 | 92 | 83 | 75 | 67 | 58 | 50 | 42 | 33 | 25 | 17 |
| 11-12 | 8 | 0 | | | | | | | | |

Basic Probability

Name: **Answer Key**

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



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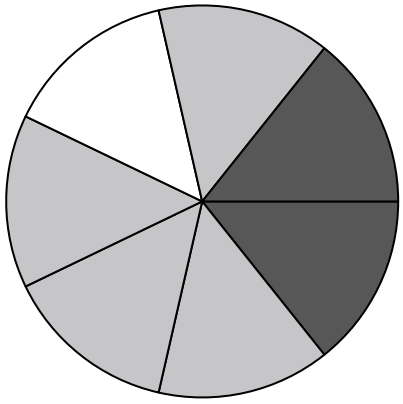

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**12)** If you were to roll the dice one time what is the probability it will land on a 5?

**Answers**

1. **5 out of 20**
2. **diamond**
3. **20**
4. **square**
5. **2 out of 7**
6. **4 out of 7**
7. **5 out of 7**
8. **7**
9. **1 out of 7**
10. **3 out of 6**
11. **5 out of 6**
12. **1 out of 6**



| | | | | | | | | | | |
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