

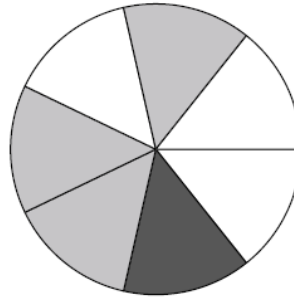
# Basic Probability ... Set 1



## Basic Probability

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?



## Answers

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



- 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?



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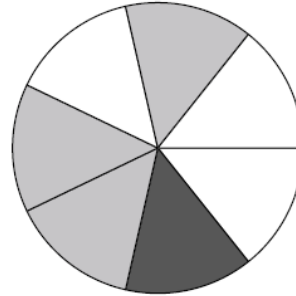
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Answers

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

Math

www.CommonCoreSheets.com