

Name: \_\_\_\_\_

## Practice with Probability

**Directions:** Use the image below to answer the questions that follow:



- 1.) What is the probability of the spinner landing on a lemon? \_\_\_\_\_
- 2.) What is the probability of the spinner landing on cherries? \_\_\_\_\_
- 3.) What is the probability of the spinner landing on a coconut? \_\_\_\_\_
- 4.) What is the probability of the spinner landing on grapes? \_\_\_\_\_
- 5.) Which fruit is the spinner **least likely** to land on? \_\_\_\_\_
- 6.) Which fruit is the spinner **most likely** to land on? \_\_\_\_\_
- 7.) What is the probability of the spinner landing on **either** a lemon or a coconut?  
\_\_\_\_\_
- 8.) What is the probability of the spinner landing on **either** grapes or a lemon?  
\_\_\_\_\_
- 9.) If you had to spin the wheel, which fruit would you predict the spinner will land on and why?

## ANSWER KEY

- 1.) What is the probability of the spinner landing on a lemon?  **$6/18$  or  $1/3$**
- 2.) What is the probability of the spinner landing on cherries?  **$5/18$**
- 3.) What is the probability of the spinner landing on a coconut?  **$3/18$  or  $1/6$**
- 4.) What is the probability of the spinner landing on grapes?  **$4/18$  or  $2/9$**
- 5.) Which fruit is the spinner **least likely** to land on? **coconut**
- 6.) Which fruit is the spinner **most likely** to land on? **lemon**
- 7.) What is the probability of the spinner landing on **either** a lemon or a coconut?  
 **$9/18$  or  $1/2$**
- 8.) What is the probability of the spinner landing on **either** grapes or a lemon?  
 **$10/18$  or  $5/9$**
- 9.) If you had to spin the wheel, which fruit would you predict the spinner will land on and why?

**Lemon is the best choice because it has a higher probability ( $6/18$ ) than any other fruit.**