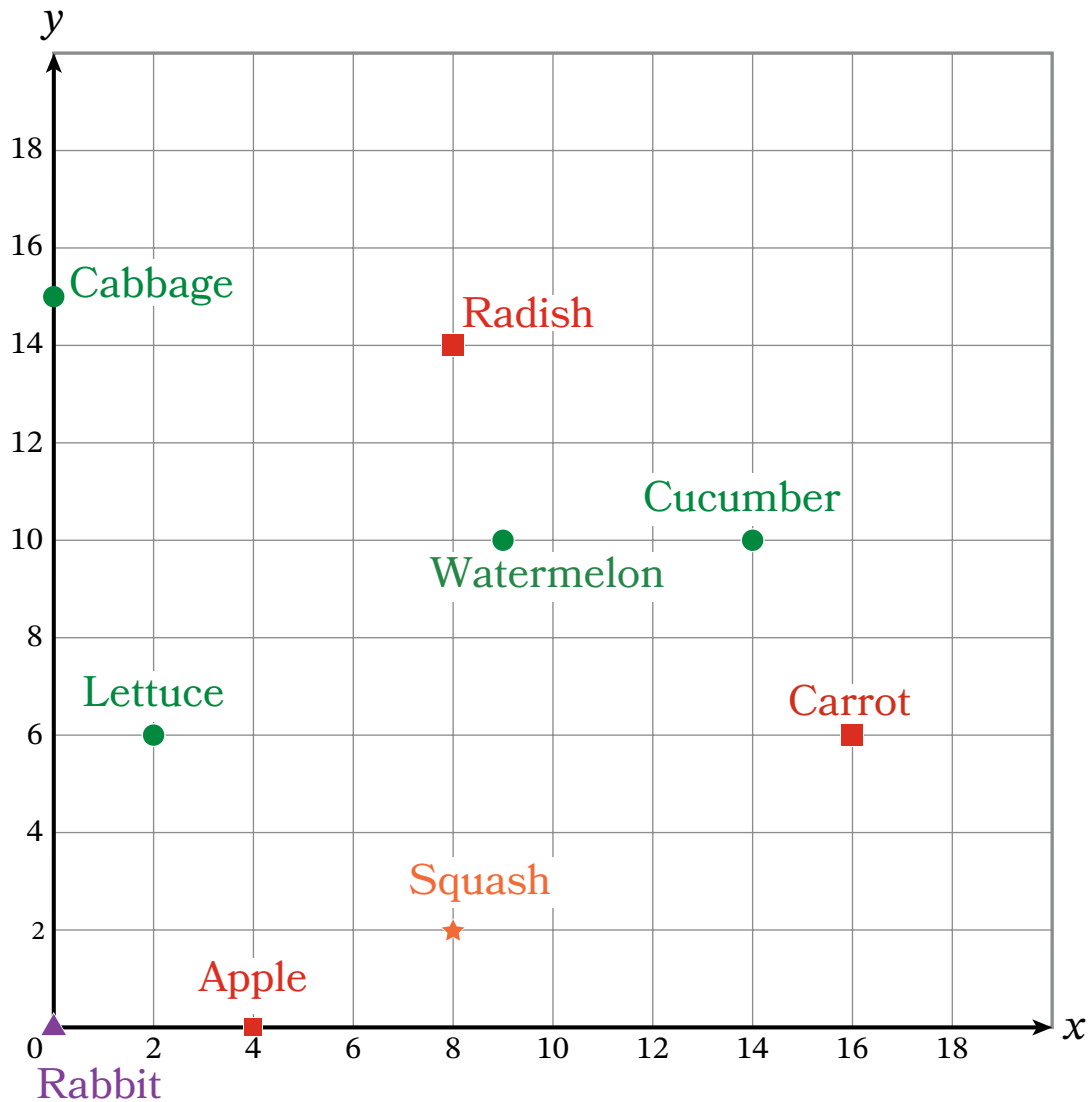




Name \_\_\_\_\_

Date \_\_\_\_\_

1. The graph shows the screen of a video game in which a rabbit must hop to various garden locations to find treats. Use this graph to complete parts (a)–(g).



- a. Complete the table with the ordered pair for each treat.

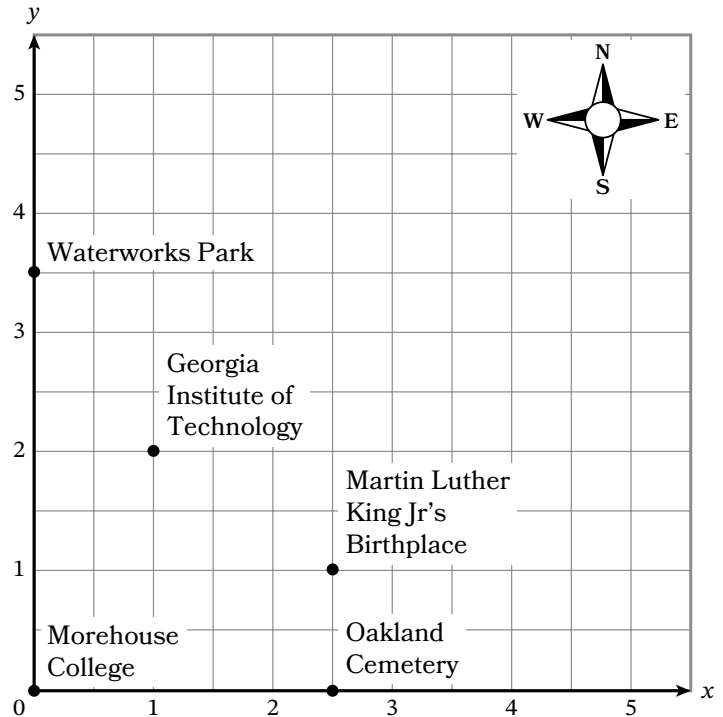
Treat	Ordered Pair
Apple	
Carrot	
Cucumber	
Lettuce	
Radish	
Squash	

- b. Estimate the coordinates of the cabbage and write the ordered pair for the location of the cabbage.
- c. If a rabbit starts at the origin, describe the movements he should make to get to the cabbage.  
 \_\_\_\_\_ units right and then \_\_\_\_\_ units up
- d. If a rabbit starts at the origin, travels 8 units right, and then travels 2 units up, which treat will he find?
- e. Describe the movements a rabbit would need to make to get from the squash to the carrot.  
 \_\_\_\_\_ units right and then \_\_\_\_\_ units up
- f. Which treat is exactly 12 units closer to the  $x$ -axis than the radish?
- g. The farmer drops a banana on the ground. The banana is located closer to the  $x$ -axis than the lettuce and has the same  $x$ -coordinate as the apple. Write one possible ordered pair to represent the location of the banana.

2. The coordinate plane shows the locations of landmarks in Atlanta, Georgia. Each unit represents 1 mile. Use this graph to complete parts (a)–(d).

a. Write the ordered pair for each location.

Location	Ordered Pair
Morehouse College	(0, 0)
Waterworks Park	
Oakland Cemetery	
Martin Luther King Jr.'s Birthplace	
Georgia Institute of Technology	



b. Which landmark is directly north of Oakland Cemetery?

c. How are the coordinates of the Oakland Cemetery and the coordinates of Martin Luther King Jr.'s birthplace the same and different?

d. Describe how to get from Martin Luther King Jr.'s birthplace to the Georgia Institute of Technology by moving horizontally and then vertically.