



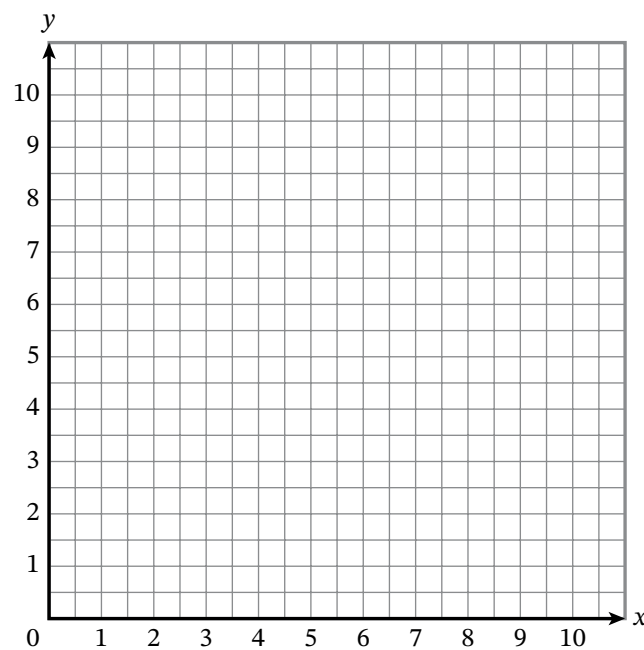
Name _____

Date _____

1. The rule for the x -coordinate is add 1.5. The rule for the y -coordinate is add 1.5.
- a. Complete the table.

x-Coordinate	y-Coordinate	Ordered Pair
1	5	(1, 5)

- b. Plot the four ordered pairs in the coordinate plane.

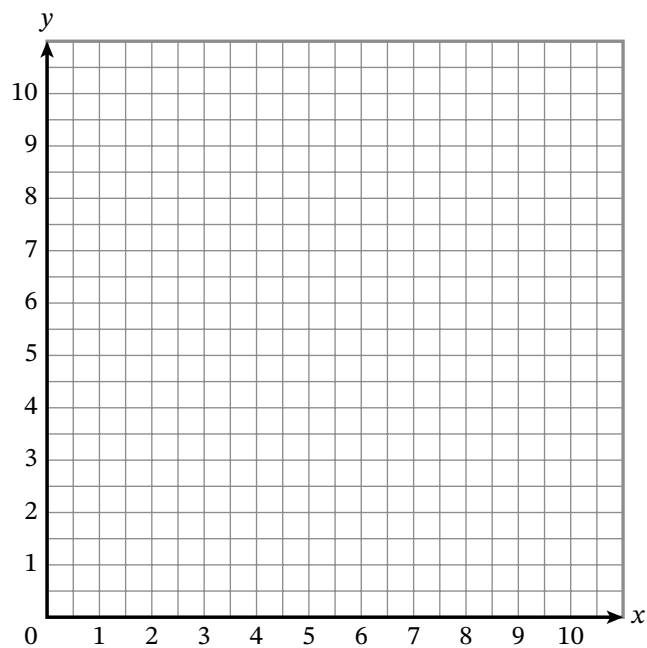


2. Each y -coordinate is 1.5 more than its corresponding x -coordinate.

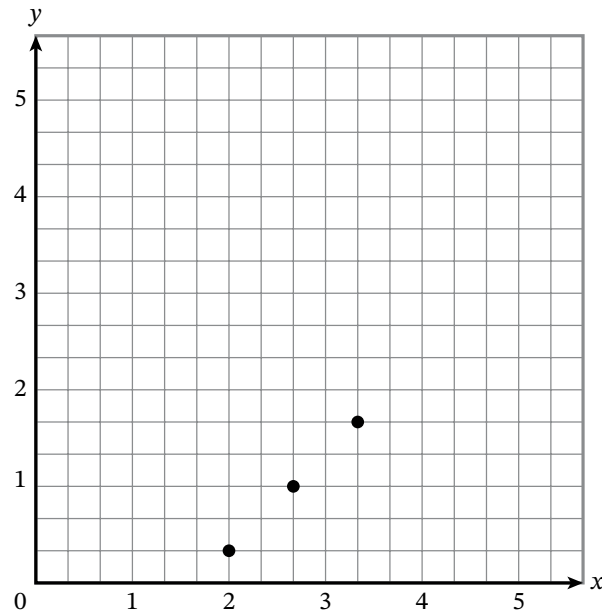
a. Complete the table.

x -Coordinate	Calculation	y -Coordinate	Ordered Pair
0	$0 + 1.5 = 1.5$	1.5	(0, 1.5)
3			
6			
9			

b. Plot the four ordered pairs in the coordinate plane.



3. Use the graph to complete parts (a)–(f).



- Describe the movement from one point to the next.
- What is the rule for the x -coordinate?
- What is the rule for the y -coordinate?
- Use the rules for the coordinates to plot the next three points in the coordinate plane. What are the ordered pairs for the points?

- e. Fill in the blanks to describe the relationship between the x - and y -coordinates.

The _____-coordinates are _____ the corresponding _____-coordinates.

- f. When the x -coordinate is 10, what is the corresponding y -coordinate? Show how you know.