



Name \_\_\_\_\_

Date \_\_\_\_\_

## Lesson 11: Constant Rate

### Exit Ticket

Vicky reads at a constant rate. She can read 5 pages in 9 minutes. We want to know how many pages,  $p$ , Vicky can read after  $t$  minutes.

- Write a linear equation in two variables that represents the number of pages Vicky reads in any given time interval.
- Complete the table below. Use a calculator, and round answers to the tenths place.

$t$ (time in minutes)	Linear Equation:	$p$ (pages read)
0		
20		
40		
60		

- About how long would it take Vicky to read 25 pages? Explain.

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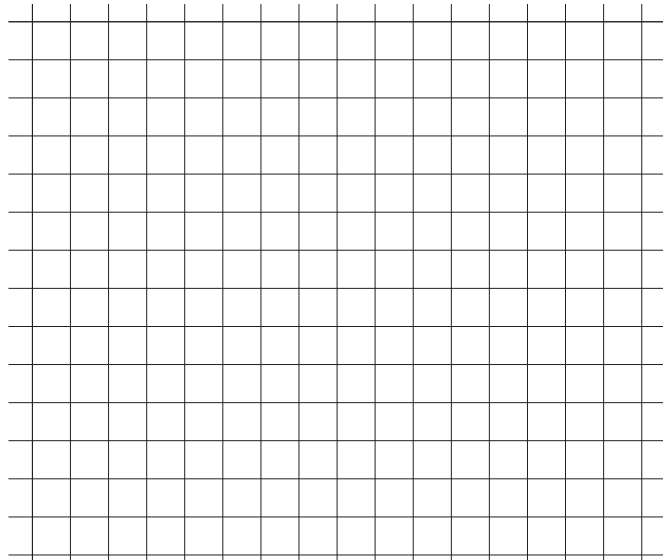
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## Lesson 12: Linear Equations in Two Variables

### Exit Ticket

1. Is the point  $(1, 3)$  a solution to the linear equation  $5x - 9y = 32$ ? Explain.
2. Find three solutions for the linear equation  $4x - 3y = 1$ , and plot the solutions as points on a coordinate plane.

$x$	Linear Equation: $4x - 3y = 1$	$y$



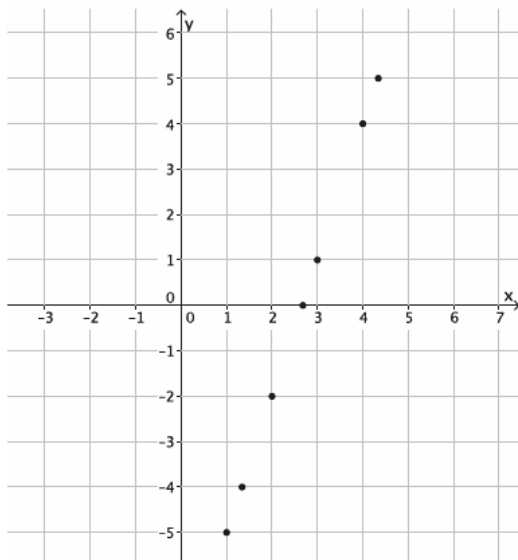
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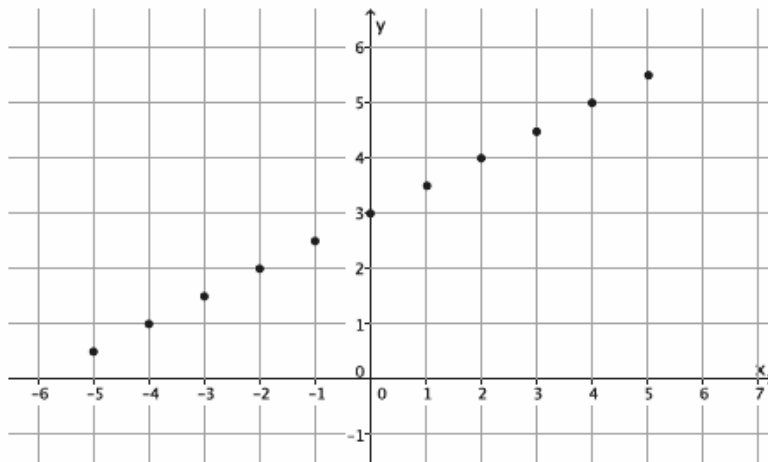
## Lesson 13: The Graph of a Linear Equation in Two Variables

### Exit Ticket

1. Ethan found solutions to the linear equation  $3x - y = 8$  and graphed them. What shape is the graph of the linear equation taking?



2. Could the following points be on the graph of  $-x + 2y = 5$ ?



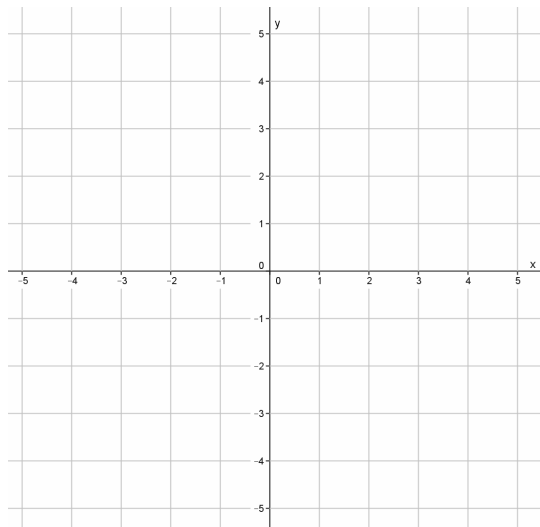
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## Lesson 14: The Graph of a Linear Equation—Horizontal and Vertical Lines

### Exit Ticket

1. Graph the linear equation  $ax + by = c$ , where  $a = 0$ ,  $b = 1$ , and  $c = 1.5$ .



2. Graph the linear equation  $ax + by = c$ , where  $a = 1$ ,  $b = 0$ , and  $c = -\frac{5}{2}$ .

