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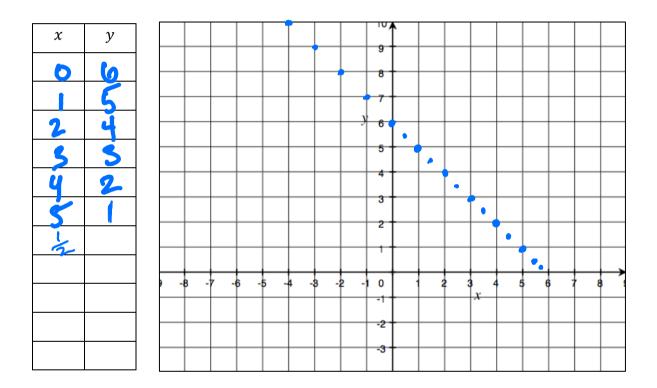
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LEARNING OBJECTIVE: We will graph linear equations using the standard form of a linear equation. (G8M4L12)

CONCEPT DEVELOPMENT:

We can use the standard form of linear equations (ax + by = c) to graph linear equations

<u>Example:</u> x + y = 6



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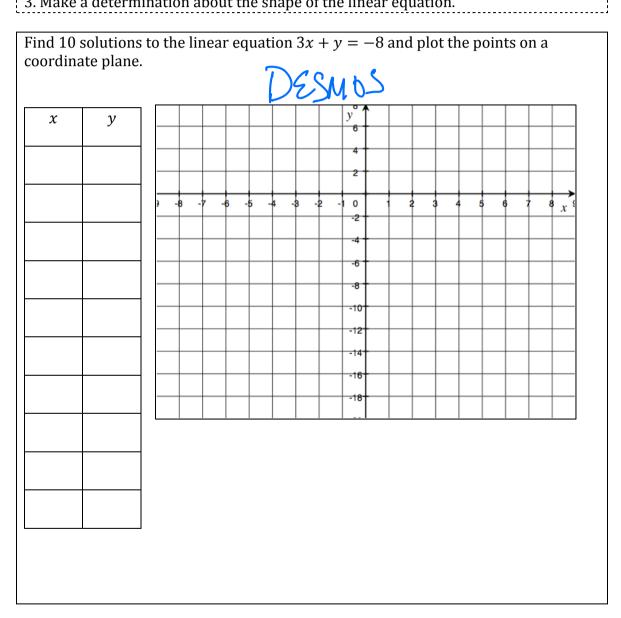
GUIDED PRACTICE:

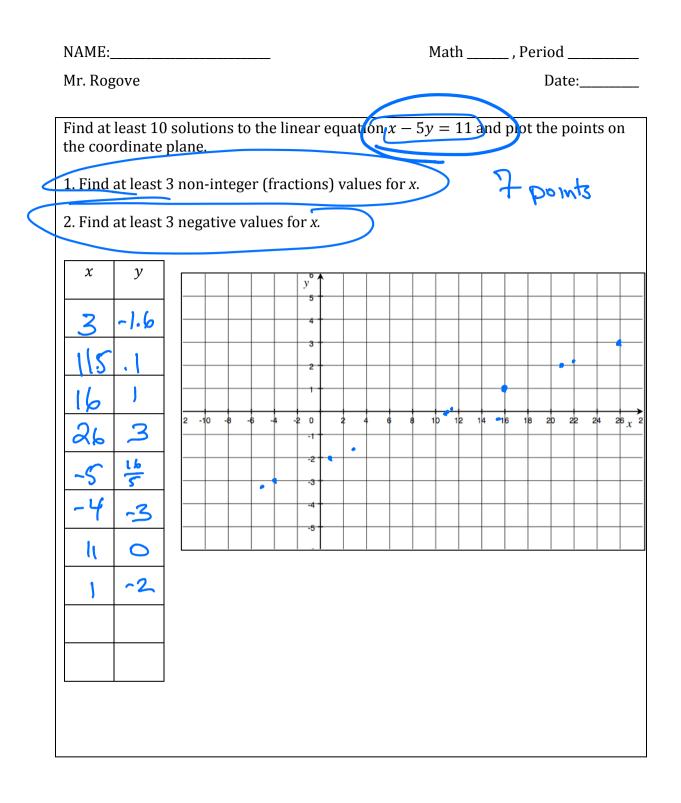
Steps for Finding Solutions to Linear Equations (and Graphing Them) 1. Select a value for x, and find the corresponding y value that will make the

equation true.

2. Plot this (x,y) point on the coordinate plane and enter it in the table.

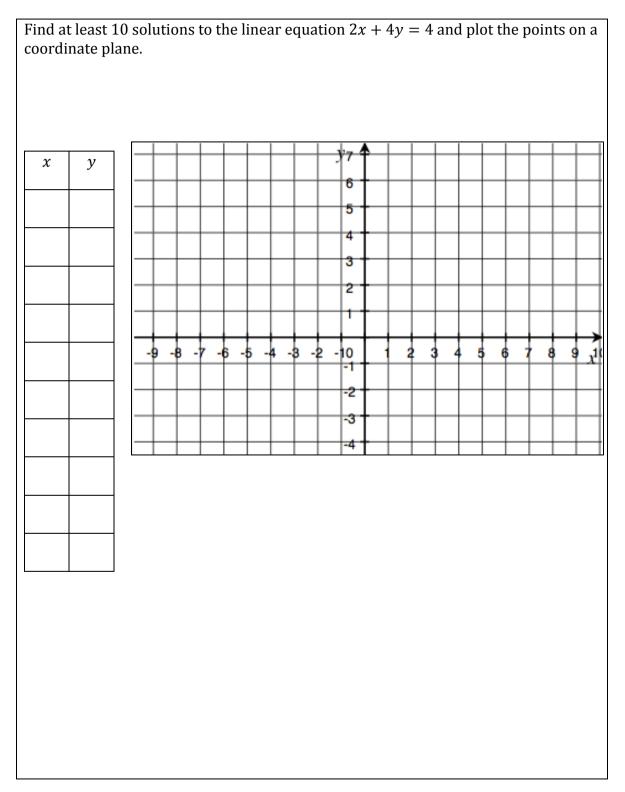
3. Make a determination about the shape of the linear equation.





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INDEPENDENT PRACTICE:



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ACTIVATING PRIOR KNOWLEDGE:

Is $(-1, 2)$ a solution to the linear equation $2x - 2y = 5$?	Is $(4, -5)$ a solution to the linear equation $x + 3y = -11$?

CLOSURE:

Can you write an equation that will graph as something other than a line?

TEACHER NOTES:

Lesson 13 and 14 from Engage NY Module 4, grade 8.

Maybe do IM Who has the best job?