

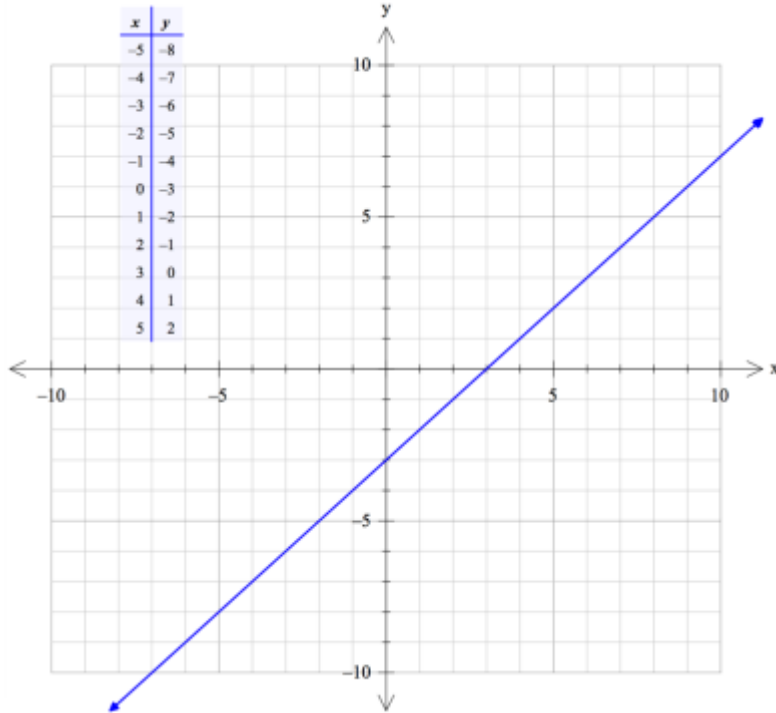
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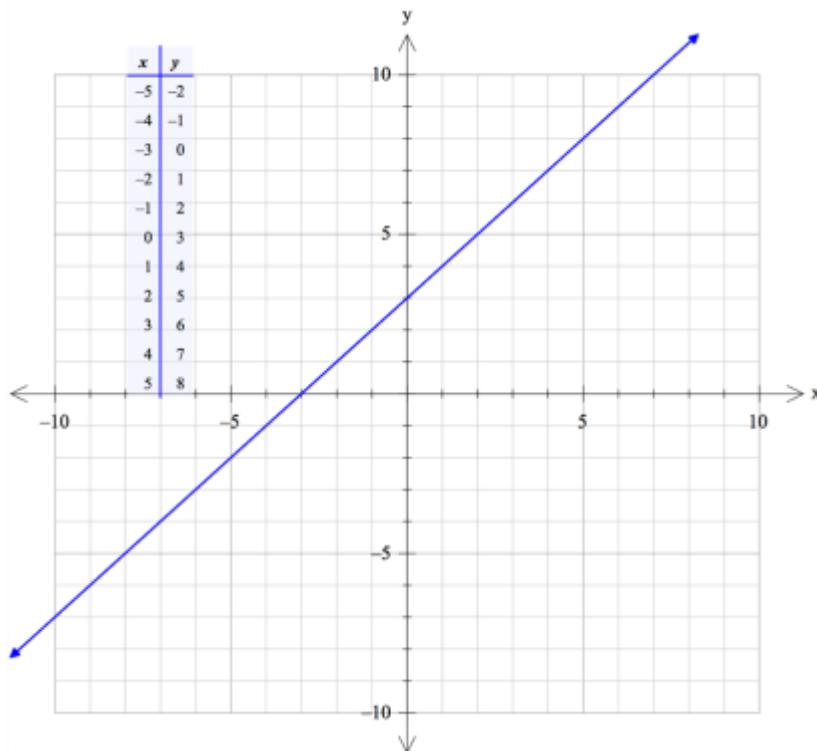
Learning to Graph Linear Equations Answers

Section I. Make a "T" Chart –you must use 2 negative numbers, Zero, and 2 positive numbers. Then Graph the points.

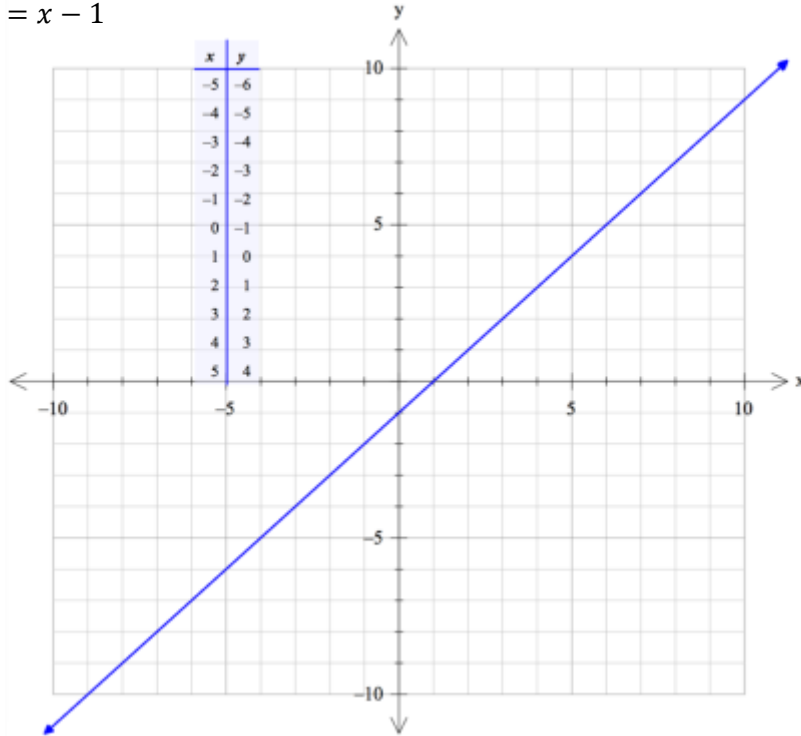
1. $y = x - 3$



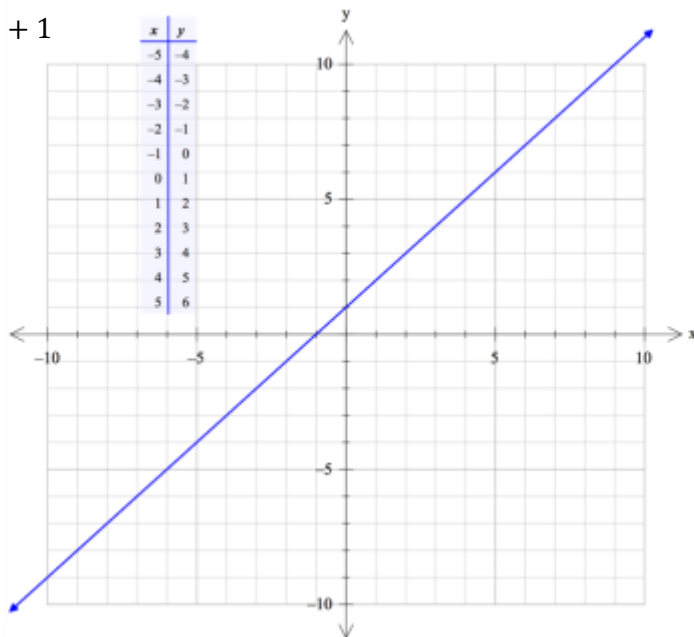
2. $y = x + 3$



3. $y = x - 1$



4. $y = x + 1$



5. What do you notice about the graphs in numbers 1 – 4? What is the same, what is different?

6. $y = 3x$

7. $y = -3x$

8. $y = \frac{1}{2}x$ (*hint: use even numbers for x*)

9. $y = -\frac{1}{2}x$ (*hint: use even numbers for x*)

10. What do you notice about the graphs in numbers 6 – 9? What is the same, what is different? How does it affect the graph?