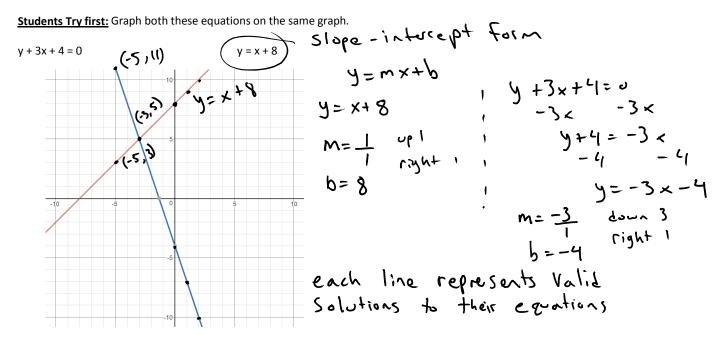
8.1: Graphing Systems of Equations

November 14, 2016 7:55 PM

> Not important: Often in math a single equation is not enough to solve a problem. Systems of equations look at multiple relationships between variables to create multiple equations.



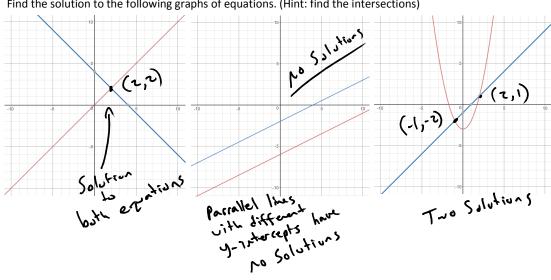
Question: For the first equations what does y equal when x = -5?

Question: For the second equation what does y equal when x = -5?

Question: What does the point (-3,5) represent? A Sulution to both eguntions

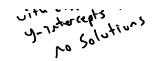
Important: The graph of an equation represents all the solutions to that equation. The intersection of the two lines is a solution to both equations.

Students try first:

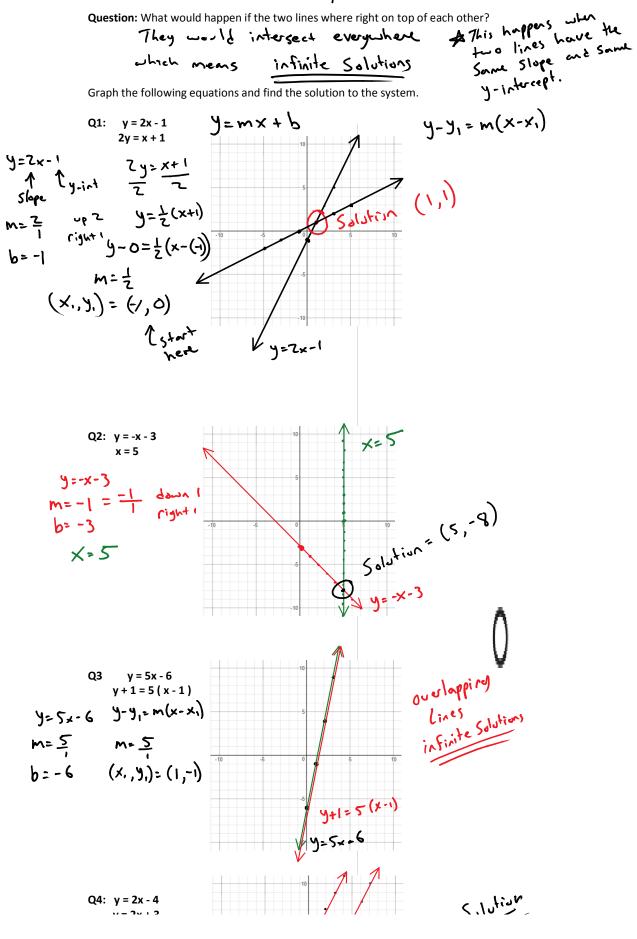


Find the solution to the following graphs of equations. (Hint: find the intersections)

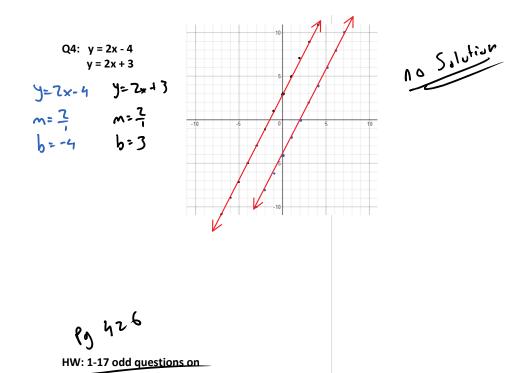
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