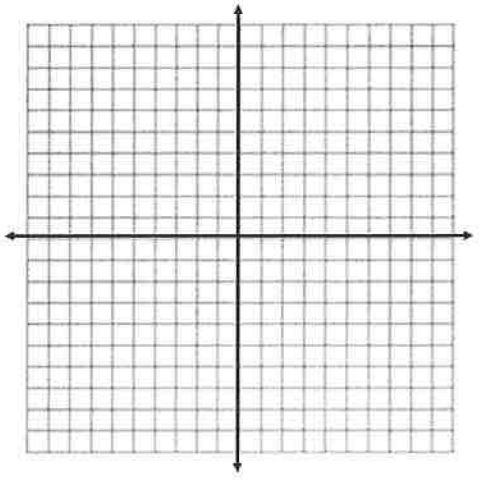
7.6 Extra Practice

I can decide whether a relationship is proportional from a graph AND **I can find the constant of proportionality from a graph** AND **I can explain what a point on the graph of proportional relationship means in terms of the situation.** Show **all** your work on this paper.

The variable x and y vary directly. Use the variable to write an equation and graph the solutions.

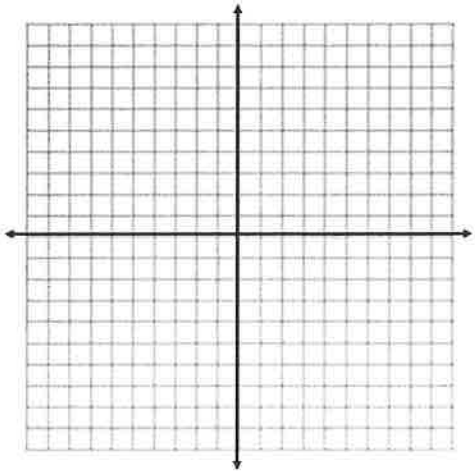
1) $y = 3;\ x = 2$

x	y



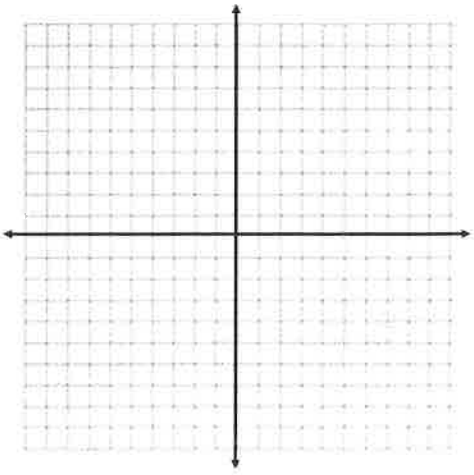
2) $y = 28\,;x = 21$

x	y



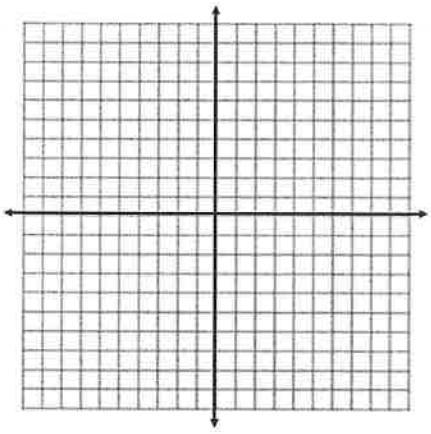
3) $y = 10, x = 5$

x	y



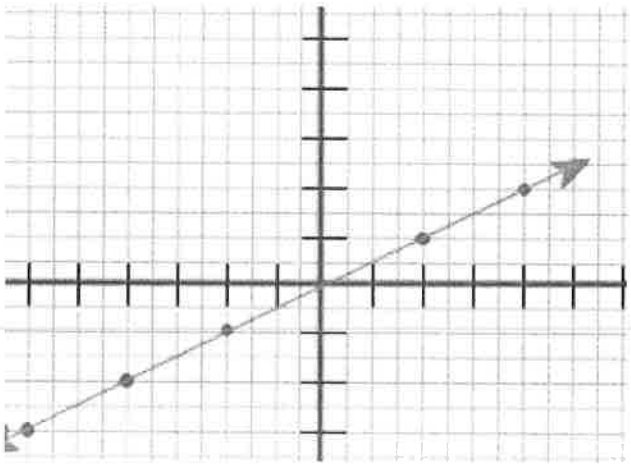
4) $y = 27, x = 9$

x	y



Write an equation. (Hint: use one of the points given (x/y) to find the constant (k). Then use that constant to write an equation for the graph.

5)



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