## Algebra 1 Bellwork Monday, February 29, 2016

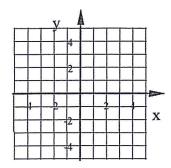
1. You think that the perfect mix for chocolate milk is when the milk contains 42% chocolate. In the refrigerator you have some chocolate milk that is 32% chocolate and some that is 48% chocolate. Write and solve a system of equations to find the number of ounces of each of these should you mix in order to get 50 ounces of your perfect mixture.

ounces of 34% =

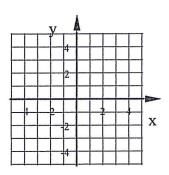
ounces of 48% =

2. Graph each inequality on the x-y plane. Shade the solution region with a highlighter or colored pencil.

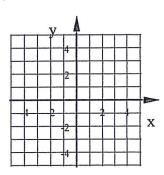
a) 
$$y < -4x - 3$$



b) 
$$24x - 16y \ge -48$$



c) 
$$x \leq 3$$



## Monday, February 29, 2016 Answers Algebra 1 Bellwork

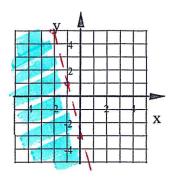


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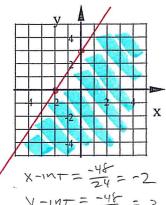
$$\times$$
 ounces of  $\frac{32}{34}\% = \frac{18.75}{1}$ 

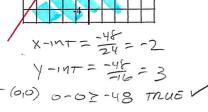
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