

**Algebra I
8-5
Supplement**

1) $y = \frac{1}{2}x + 1$ 9) $y = -\frac{7}{5}x - \frac{1}{5}$

2) $y = -3x - 2$ 10) $y = x$

3) $y = \frac{2}{3}x - 1$ 11) $y = -\frac{1}{3}x$

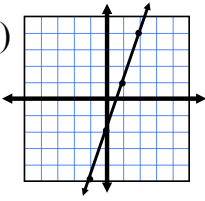
4) $y = 4$ 12) $y = \frac{1}{4}x - \frac{11}{4}$

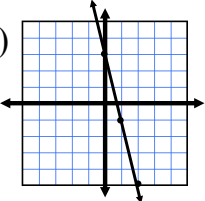
5) $y = -\frac{4}{3}x + \frac{4}{3}$ 13) $y = -6x + 15$

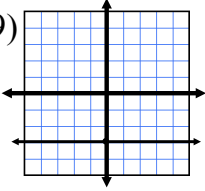
6) $y = \frac{2}{5}x + 1$ 14) $y = -x - 2$

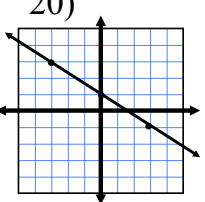
7) $x = -2$ 15) $x = 1$

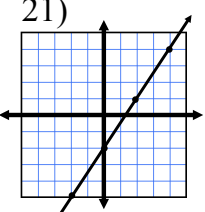
8) $y = -\frac{3}{2}x - \frac{1}{2}$ 16) $y = \frac{3}{11}x - \frac{5}{11}$

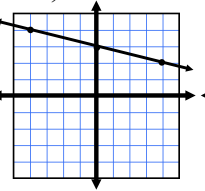
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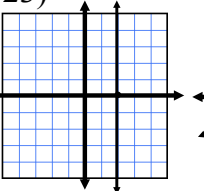
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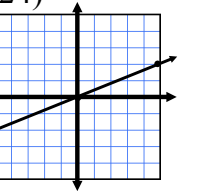
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20) 

21) 

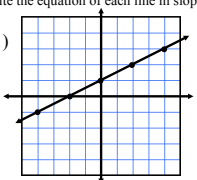
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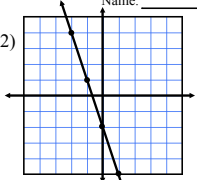
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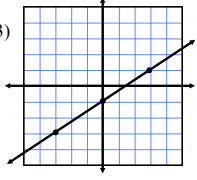
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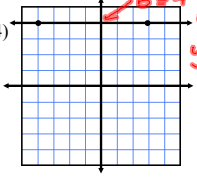
**Algebra I
Writing Equations from Graphs**

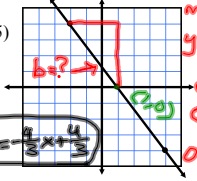
Write the equation of each line in slope/intercept form. Name: _____

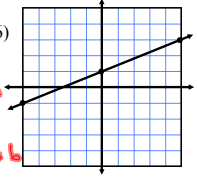
1) 

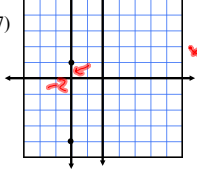
2) 

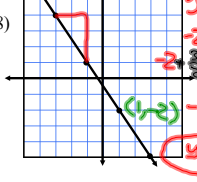
3) 

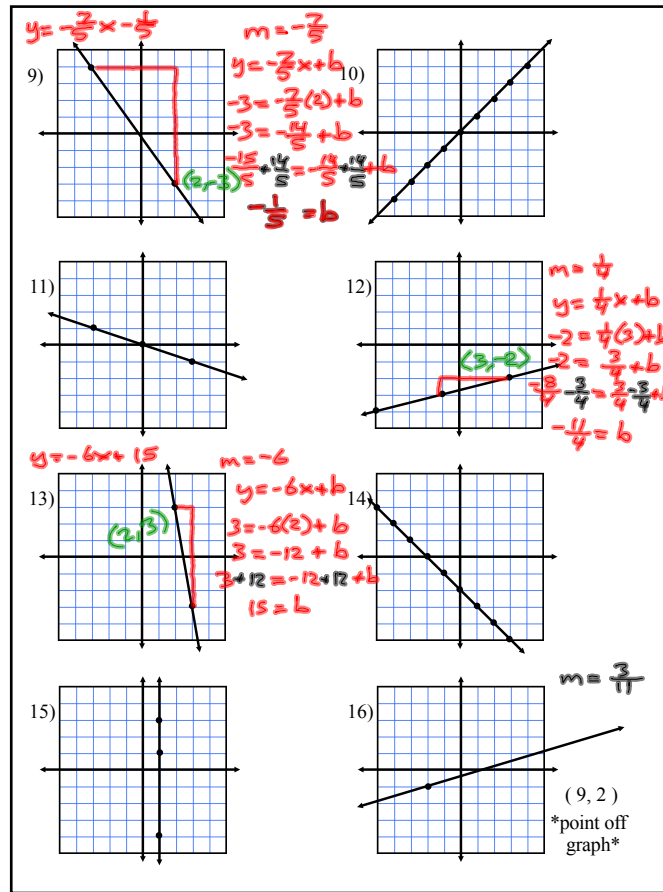
4)  $m=0$
 $y=0x+4$
 $y=4$

5)  $m = -\frac{4}{3}$
 $y = -\frac{4}{3}x + b$
 $0 = -\frac{4}{3}(0) + b$
 $0 = -\frac{4}{3} + b$
 $0 + \frac{4}{3} = -\frac{4}{3} + b$
 $\frac{4}{3} = b$
 $y = -\frac{4}{3}x + \frac{4}{3}$

6) 

7)  $x = -1$
 $x = -2$

8)  $y = -\frac{3}{2}x + b$
 $-2 = -\frac{3}{2}(0) + b$
 $-2 = b$
 $y = -\frac{3}{2}x - 2$



Graph each equation.

