Algebra 1 Name_____ ID: 1

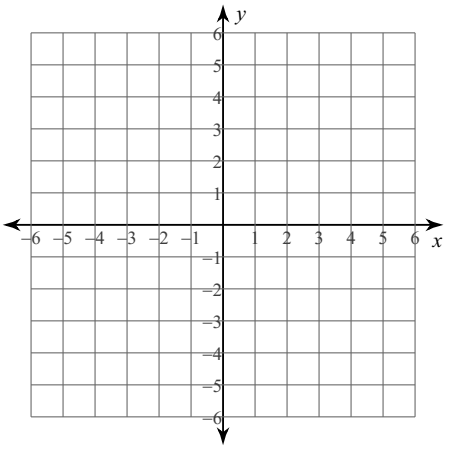


# Graphing lines + Slope

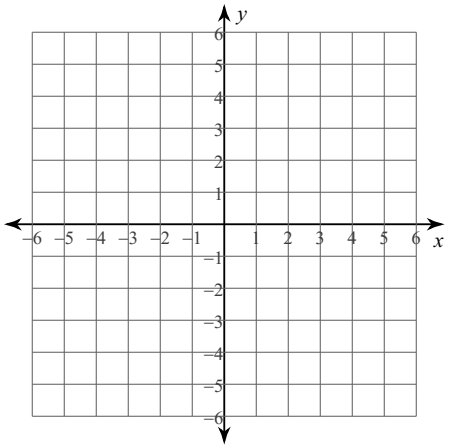
Date_____ Period____

**Sketch the graph of each line.**

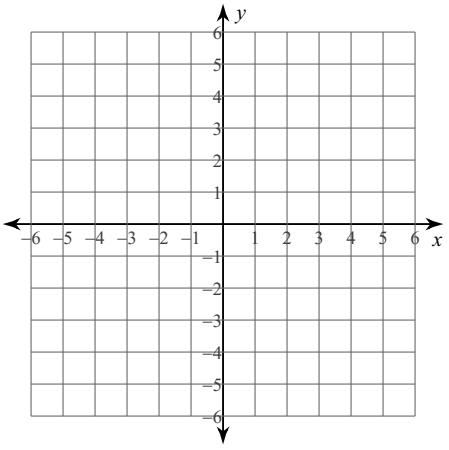
1) $y = -\frac{2}{5}x + 5$



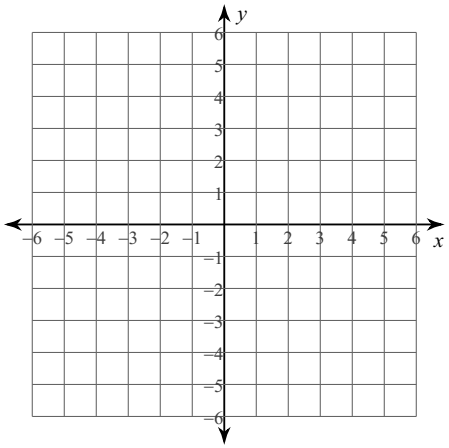
2) $x = -2$



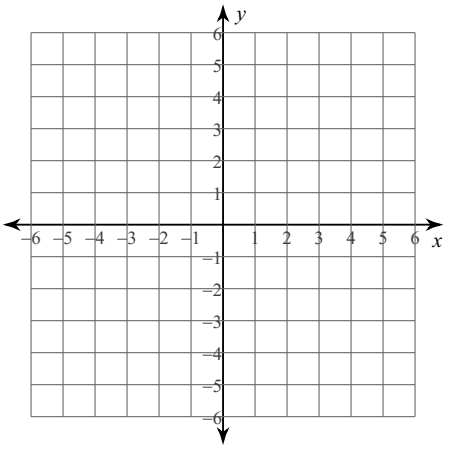
3) $y = \frac{3}{4}x + 4$



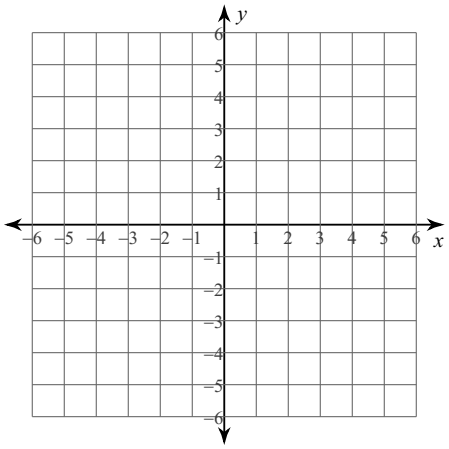
4) $y = 4x + 1$



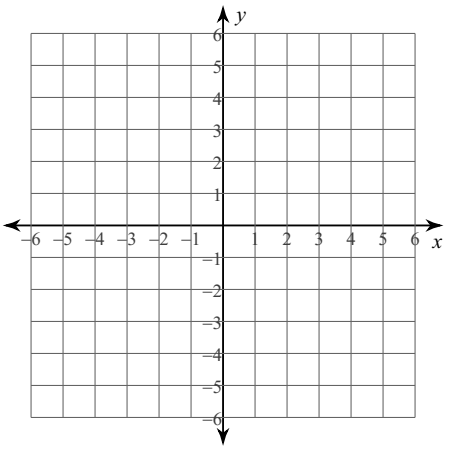
5) $2 - y = x$



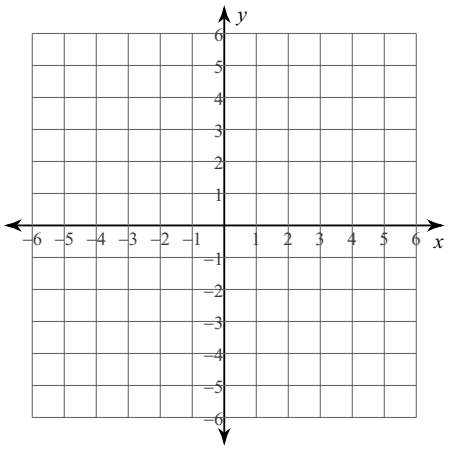
6) $-8 - 5x = -4y$



7) $16 = 9x - 4y$

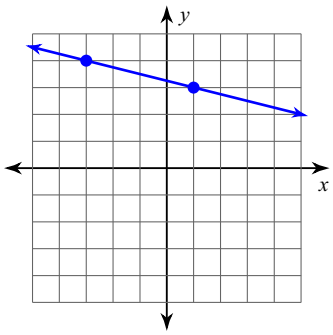


8) $0 = 2y - 2x - 10$



**Find the slope of each line.**

9)



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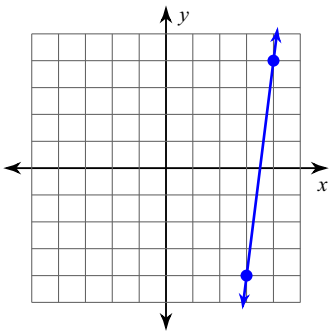
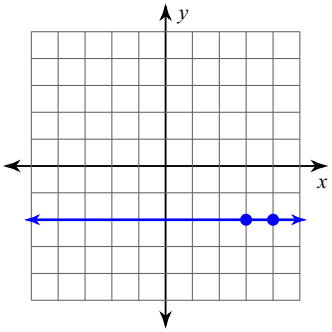
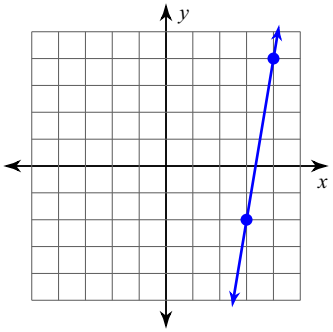


11)



12)



**Find the slope of the line through each pair of points.**

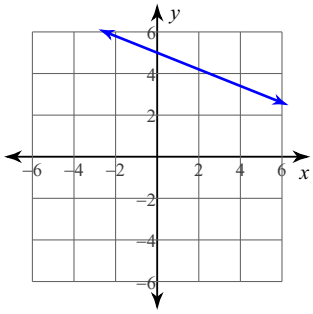
13) $(19, 13), (-15, -8)$

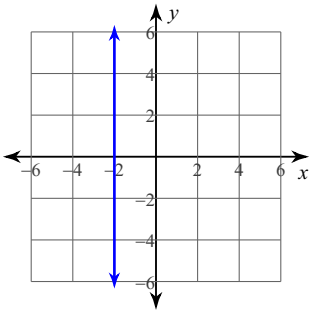
14) $(20, 12), (20, -10)$

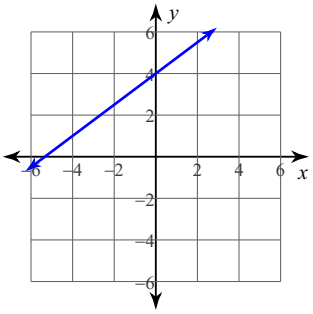
15) $(-12, 16), (11, 16)$

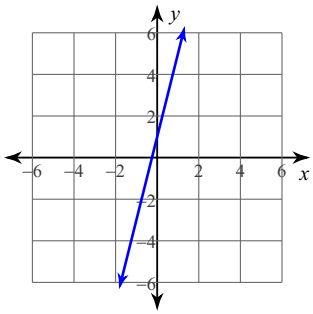
16) $(-6, 3), (20, 4)$

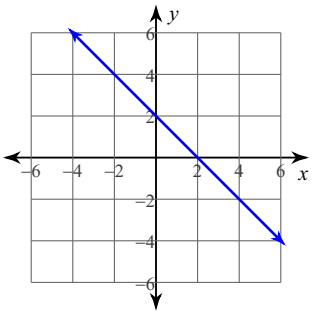
# Answers to Graphing lines + Slope (ID: 1)

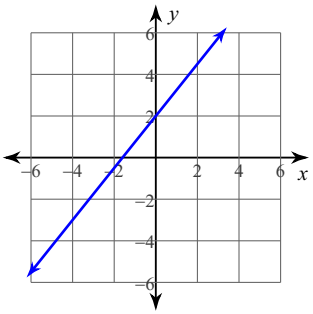
1) 

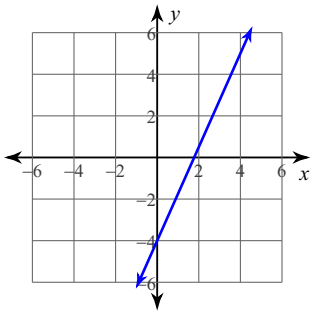
2) 

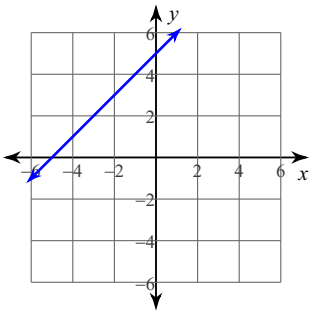
3) 

4) 

5) 

6) 

7) 

8) 

9) $-\frac{1}{4}$

10) 8

11) 0

12) 6

13) $\frac{21}{34}$

14) Undefined

15) 0

16) $\frac{1}{26}$