

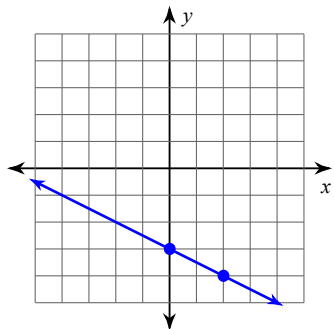
EE Unit 2 Homework Workbook

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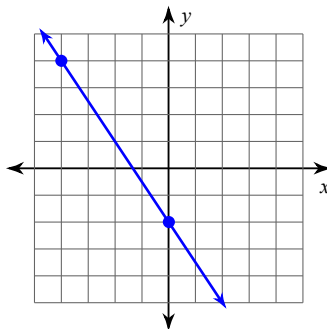
Date _____ Period _____

Day 1 - find the slope. Day 2 - find the y intercept.

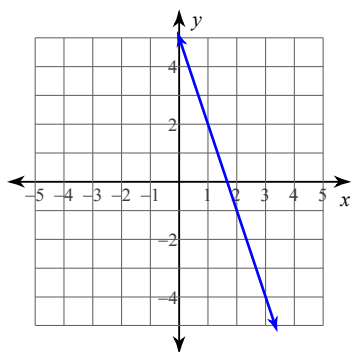
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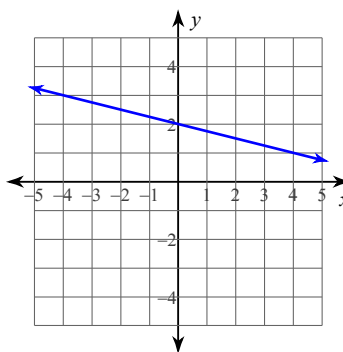
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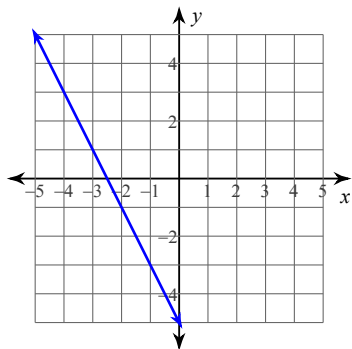
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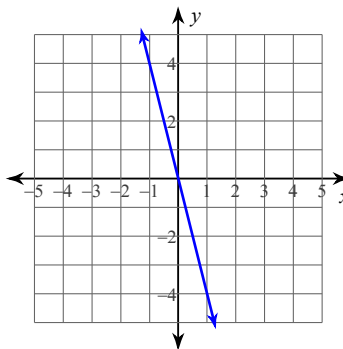
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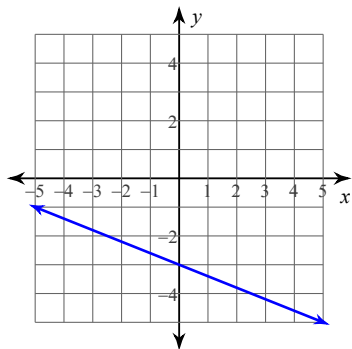
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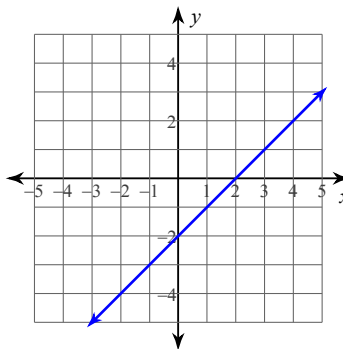
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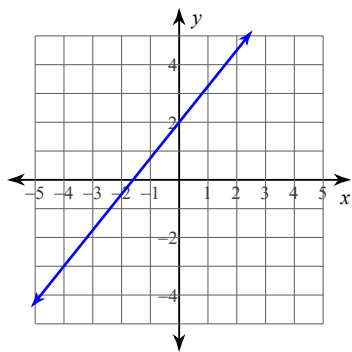
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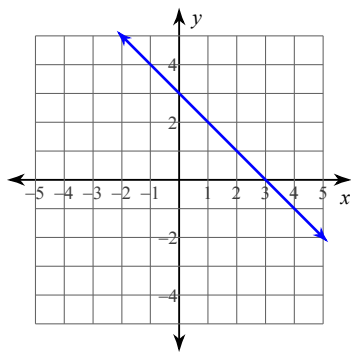
8)



9)

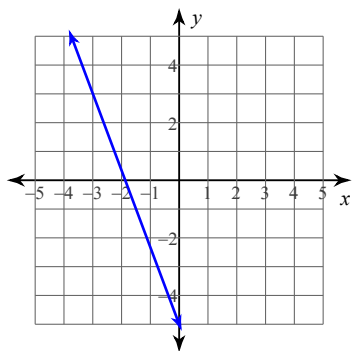


10)

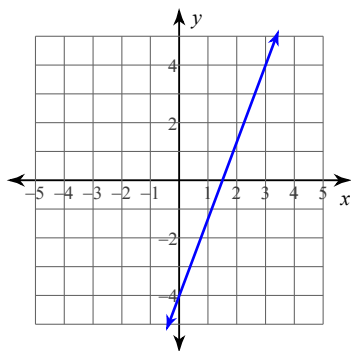


Write the slope-intercept form of the equation of each line.

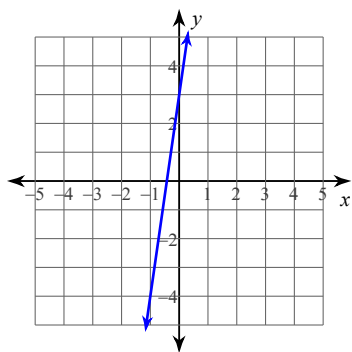
11)



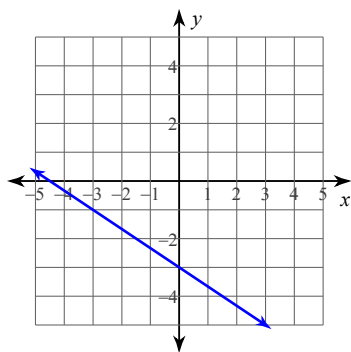
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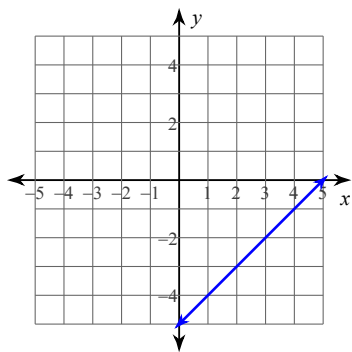
13)



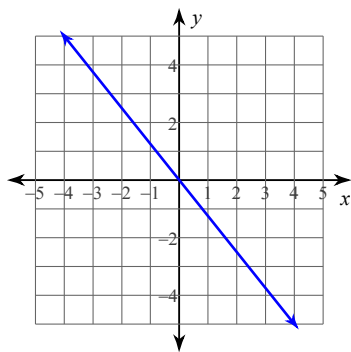
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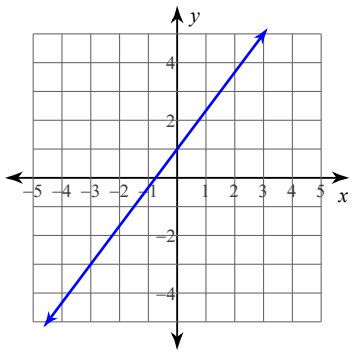
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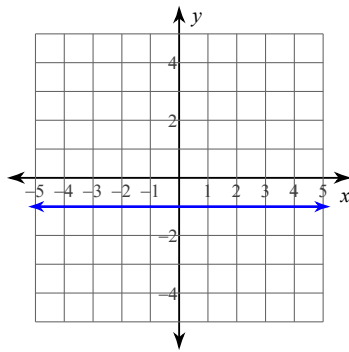
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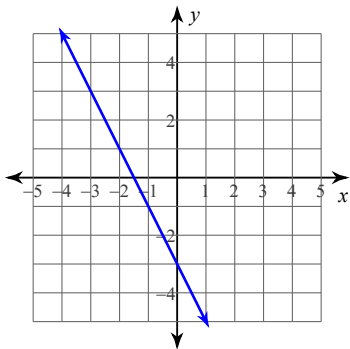
17)



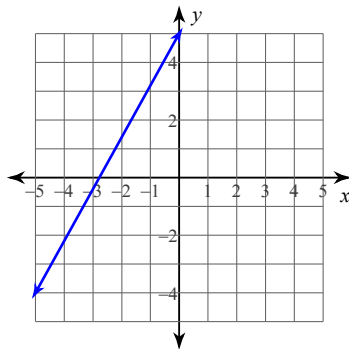
18)



19)



20)



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

21) $(-18, -11), (2, 9)$

22) $(-2, -3), (-16, 16)$

23) $(-1, -19), (-11, 12)$

24) $(-19, 6), (6, 13)$

25) $(10, -15), (-3, -5)$

26) $(11, -8), (-2, -11)$

27) $(-6, 17), (15, -11)$

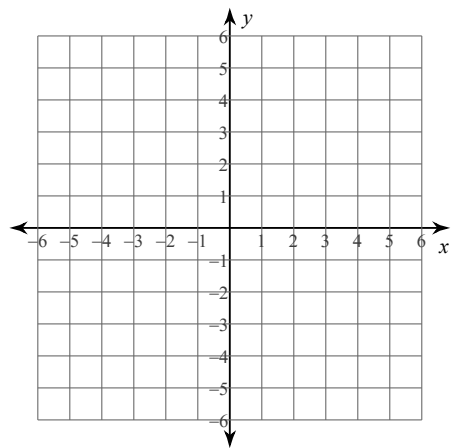
28) $(-5, 1), (-5, 12)$

29) $(-3, 14), (-3, -12)$

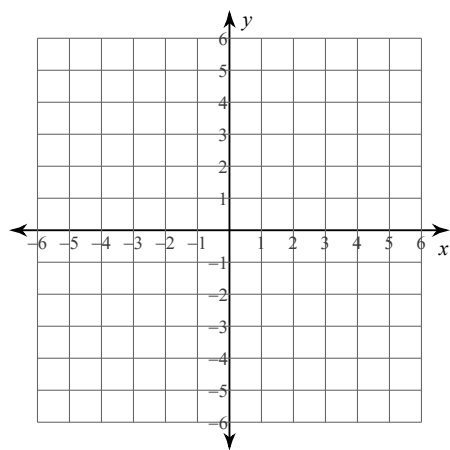
30) $(10, 9), (10, -7)$

Sketch the graph of each line.

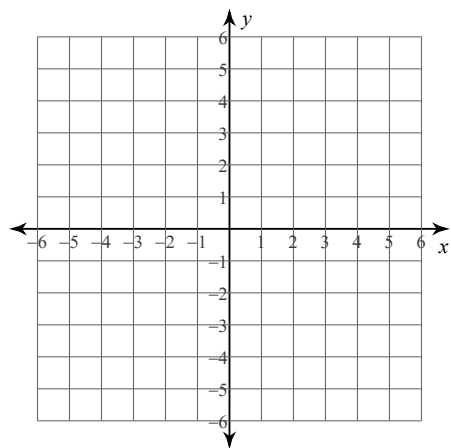
31) $y = \frac{2}{3}x$



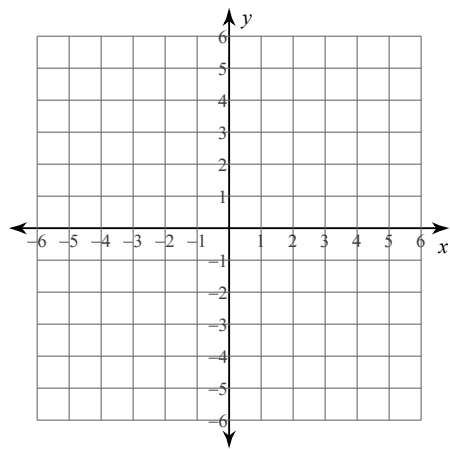
32) $y = 2x + 5$



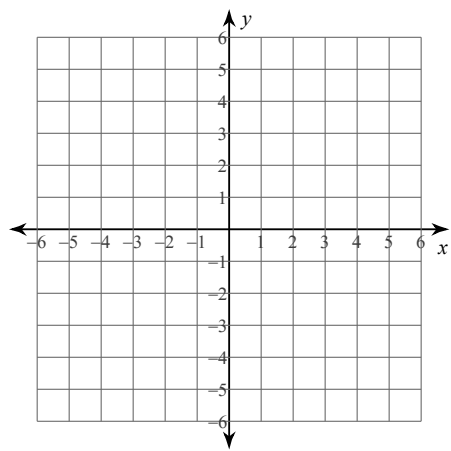
33) $y = \frac{1}{5}x - 2$



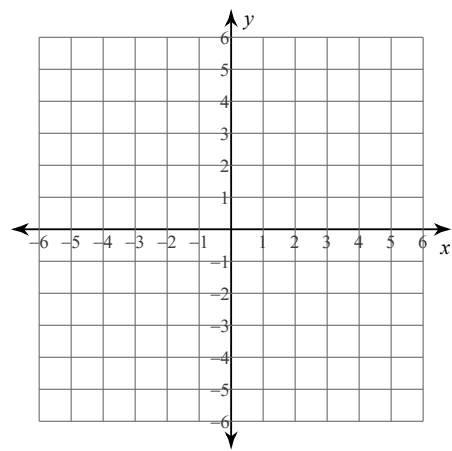
34) $y = -5x + 3$



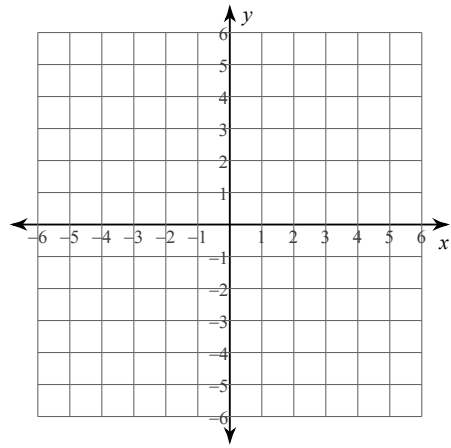
35) $y = -\frac{1}{5}x - 4$



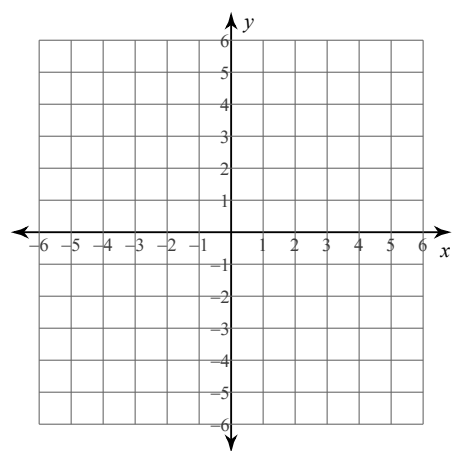
36) $y = -\frac{1}{4}x - 1$



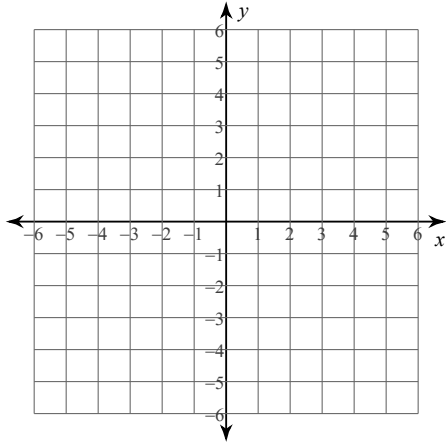
37) $y = 2x$



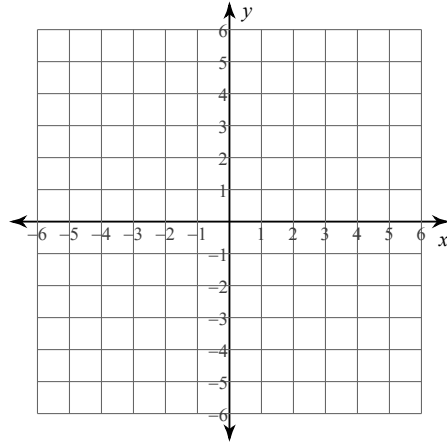
38) $y = -\frac{3}{5}x + 1$



39) $y = -x - 2$



40) $y = x - 5$



Solve each equation.

41) $-228 = 19r$

42) $16 = 14 + k$

43) $36 = x - (-19)$

44) $-6 + n = 8$

45) $-11 = \frac{x}{2}$

46) $-3 = \frac{x}{14}$

47) $-9 = 2 + p$

48) $\frac{x}{15} = 16$

49) $-10m = -10$

50) $n - 11 = 3$

$$51) -4 = \frac{n}{-8} - 6$$

$$52) -47 = 3 + 10v$$

$$53) -3 = \frac{n-3}{3}$$

$$54) 3 = \frac{x+6}{7}$$

$$55) 7 = 6 + \frac{x}{-9}$$

$$56) -3 = \frac{p}{5} - 1$$

$$57) \frac{-3+a}{8} = 2$$

$$58) 144 = -10n + 4$$

$$59) \frac{k}{2} + 10 = 12$$

$$60) 5 = \frac{10+b}{4}$$

$$61) 6 - 2p + 4 = -6$$

$$62) 5 = 8x - 7x$$

$$63) 18 = 3n + 8 + 4$$

$$64) 24 = 6m + 2m$$

$$65) 22 = 3b + 5 + 8$$

$$66) -x - 5x = -5x + 7$$

$$67) -11 + 2n = n - 7$$

$$68) 3v - 16 = -8 + 7v$$

$$69) 1 - 7r = -10 + 4r$$

$$70) a - 8 + 7 = -a - 15$$

$$71) -104 = -8(p + 8) - 8$$

$$72) -119 = 5x + 8(2x - 7)$$

$$73) 105 = -3(1 + 6n)$$

$$74) -187 = -3(-7k + 6) - 1$$

$$75) 2(8x - 5) = -138$$

$$76) 25 + 8n = 1 - 8(6 + 8n)$$

$$77) r + 2(-2r - 6) = -r - 28$$

$$78) 3m - 27 = 6(-2m - 7)$$

$$79) 31 - 2x = -(5 - 4x)$$

$$80) 27 - 2x = -5 + 7(1 - x)$$

$$81) -3(3b + 4) - 2(2b + 5) = 43$$

$$82) -27 = 5(v - 3) - 2(3v + 5)$$

$$83) 4(3n - 6) - 3(2 + 5n) = -30$$

$$84) -64 = -4(-7 + 6n) + 4(n - 3)$$

$$85) 7(6 + x) + 4(1 + 2x) = 61$$

$$86) -2(7k - 4) + 7k = 4k + 4(8k + 2)$$

$$87) -23 - 10a = 2(1 - 5a)$$

$$88) -(x + 7) = -5(x + 3)$$

$$89) 5(3p - 6) + 4(2 + 2p) = 4p + 4 - 7$$

$$90) 4(1 + n) + 3 = -7(-4n - 1)$$