

Algebra Review Requiz Practice

© 2014 Kuta Software LLC. All rights reserved.

Period____ Teacher_____

Evaluate each function.

1) $g(n) = 4n - 1$; Find $g(8)$

2) $h(t) = 2t - 3$; Find $h(-6)$

3) $f(t) = t^2 - 2t$; Find $f(-4)$

4) $p(x) = -3x^2 + 5$; Find $p(2)$

Solve each equation.

5) $-3x + 8x = -5$

6) $18 = 6 - 3n - 3n$

7) $-15 = n - 7 - 3$

8) $13 = 8 + 4p - 3p$

9) $-8r - 20 = 7(4 - 8r)$

10) $10 - 3a = -4(a + 8) + 7a$

11) $-b + 3 = 2 - 6(-7b + 7)$

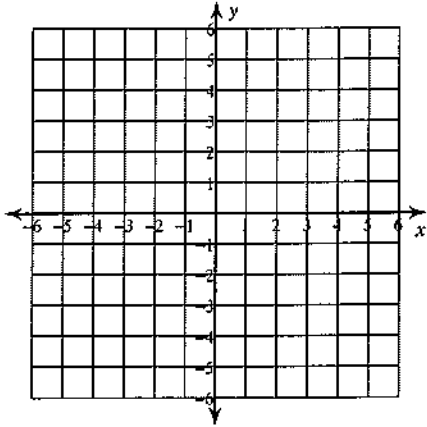
12) $-36 + 2v = 4(4v - 2)$

13) $-7(-8 - 5n) = -28 + 7n$

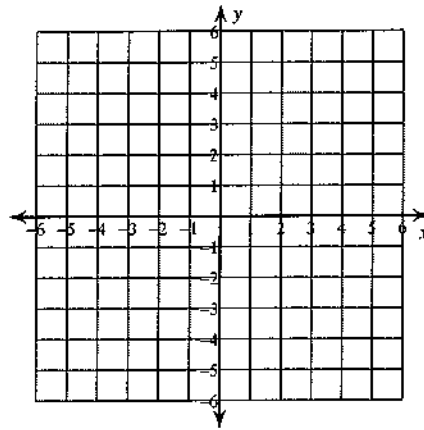
14) $2 - 4(5 - 7x) = -3x - 18$

Sketch the graph of each line.

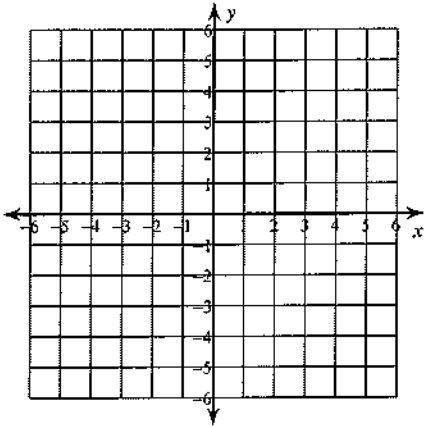
15) $y = \frac{1}{5}x - 2$



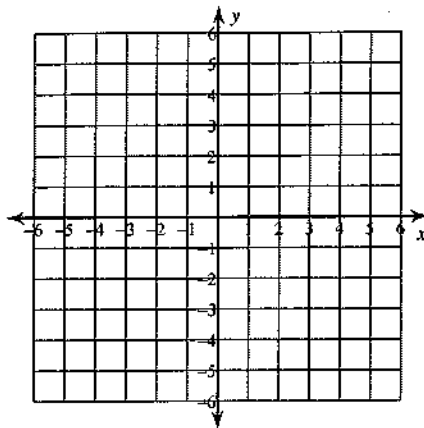
16) $y = -3x - 2$



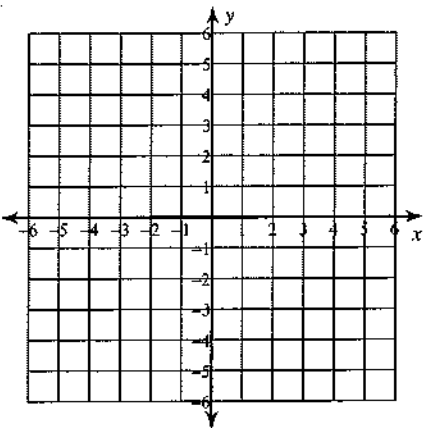
17) $y = -x - 1$



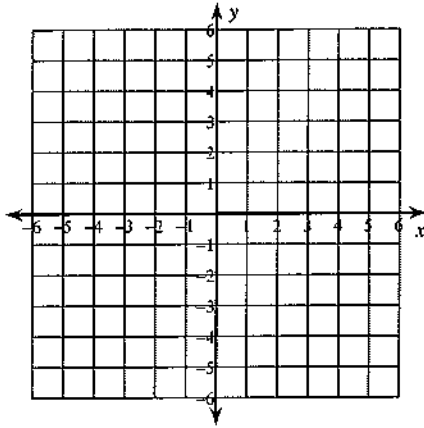
18) $y = -\frac{4}{5}x + 5$



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

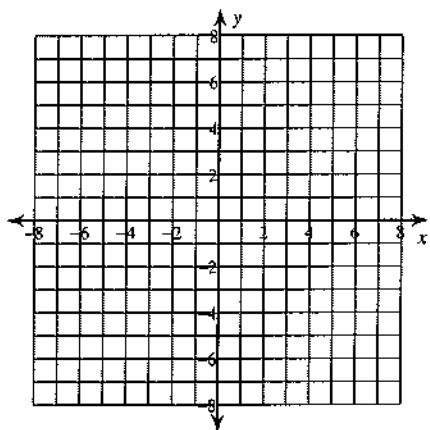


20) $y = -\frac{5}{4}x + 1$

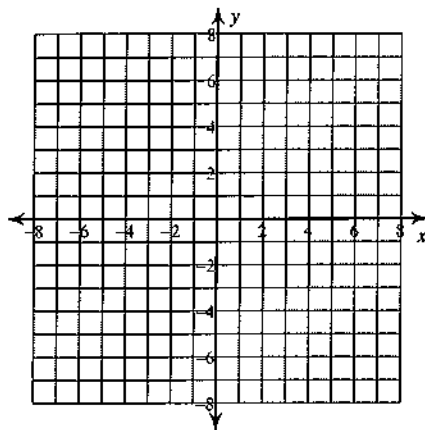


Sketch the graph of the line using the x and y- intercepts.

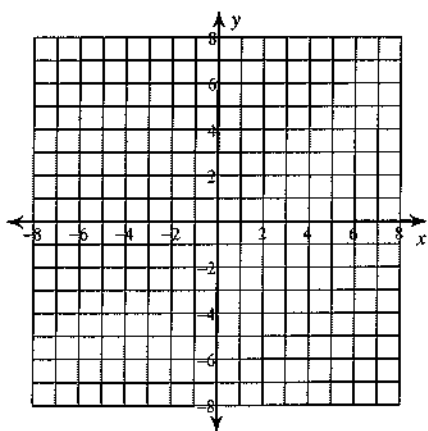
21) $3x - 2y = 12$



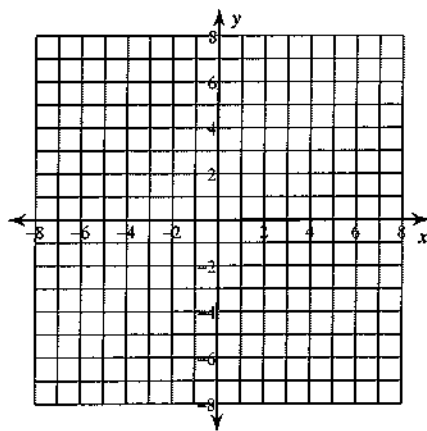
22) $4x - y = 8$



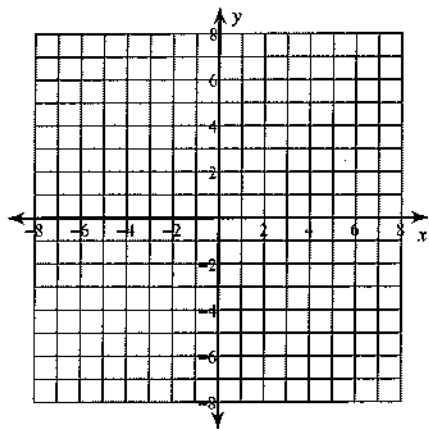
23) $-3x + y = -6$



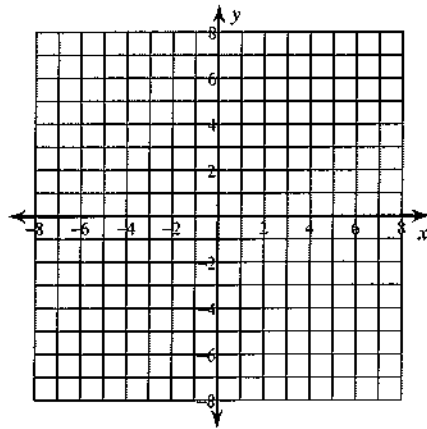
24) $x - 5y = -5$



25) $x + 2y = -8$



26) $4x + 6y = -24$



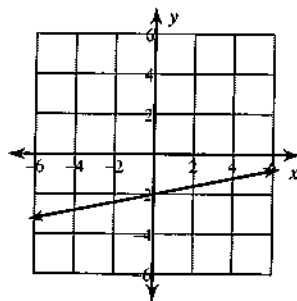
Answers to Algebra Review Requiz Practice

- 1) 31
5) $\{-1\}$
9) $\{1\}$
13) $\{-3\}$

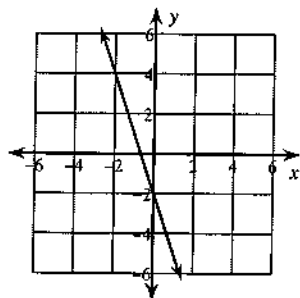
- 2) -15
6) $\{-2\}$
10) $\{7\}$
14) $\{0\}$

- 3) 24
7) $\{-5\}$
11) $\{1\}$
15)

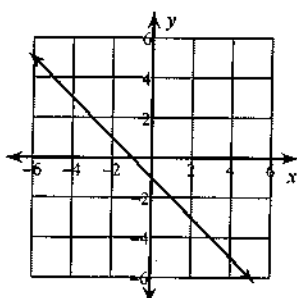
- 4) -7
8) $\{5\}$
12) $\{-2\}$



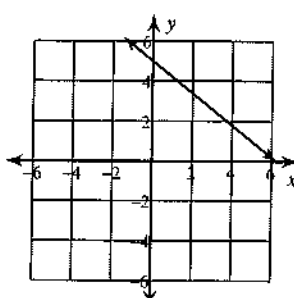
16)



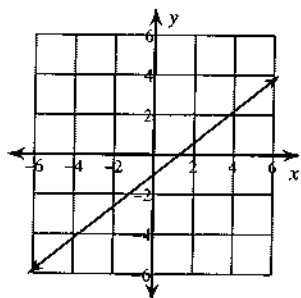
17)



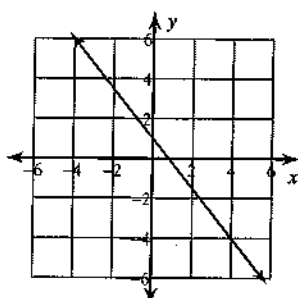
18)



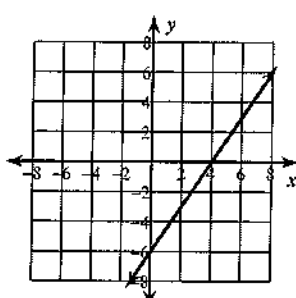
19)



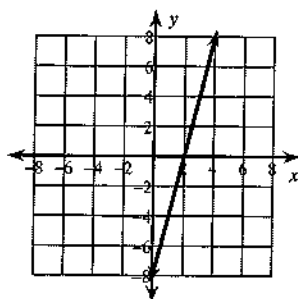
20)



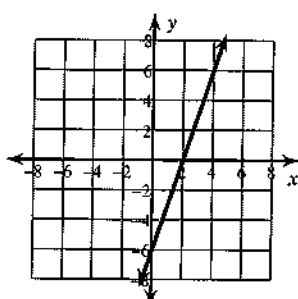
21)



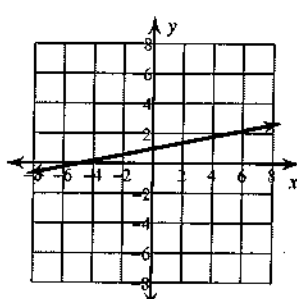
22)



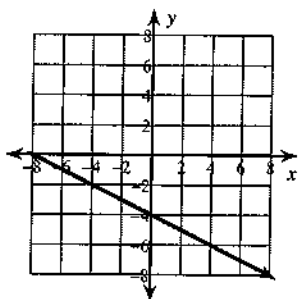
23)



24)



25)



26)

