

Name \_\_\_\_\_

Find the x-intercept and the y-intercept of the graph of the equation. Do not graph the equation.

1)  $x + y = 5$

2)  $x + y = -4$

3)  $3x + y = 9$

4)  $3x + y = 6$

5)  $-4x + y = 4$

6)  $5x + 4y = 20$

7)  $7x + 6y = 0$

8)  $-2x + 3y = 6$

9)  $-2x - 2y = 6$

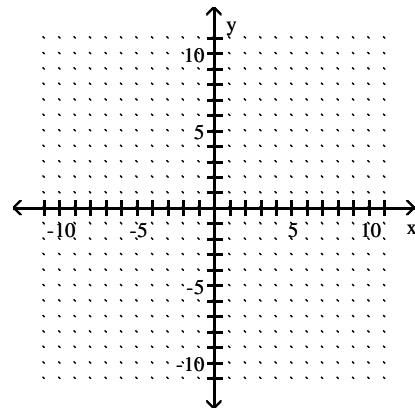
10)  $8x - 2y = -4$

11)  $6x - 12y = 36$

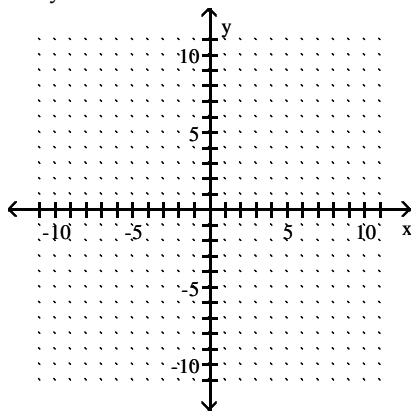
12)  $7x - 3y = 10$

Find the y- and x-intercepts for the equation. Then graph the equation.

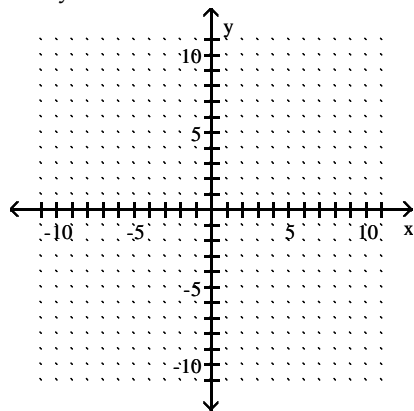
13)  $x + y = -1$



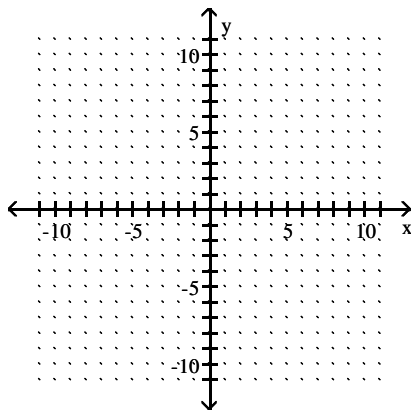
14)  $x + y = -5$



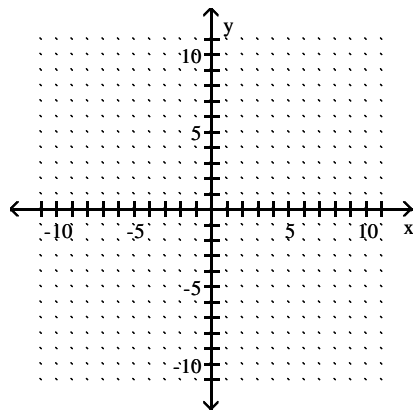
17)  $8x - y = 2$



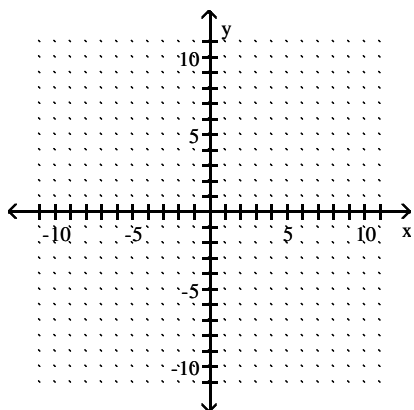
15)  $x - 3y = 3$



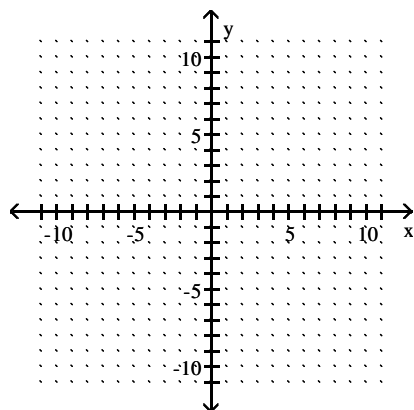
18)  $5x - y = 2$



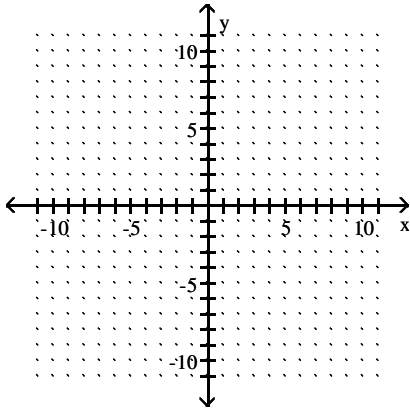
16)  $x - 2y = 2$



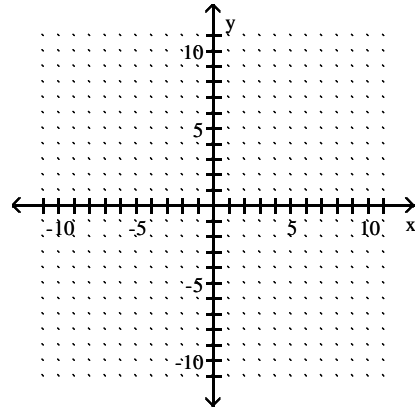
19)  $3x - 9y = 9$



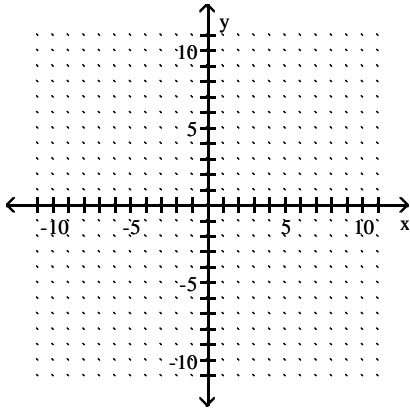
20)  $3x - 6y = 12$



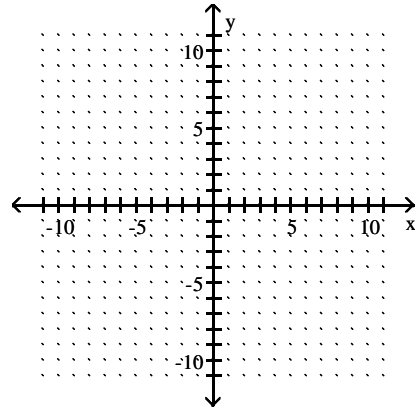
23)  $-6x - 24y = 24$



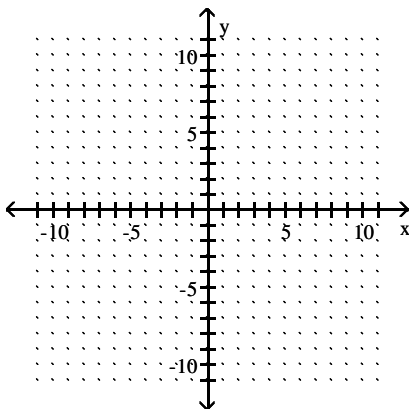
21)  $4x - 20y = 0$



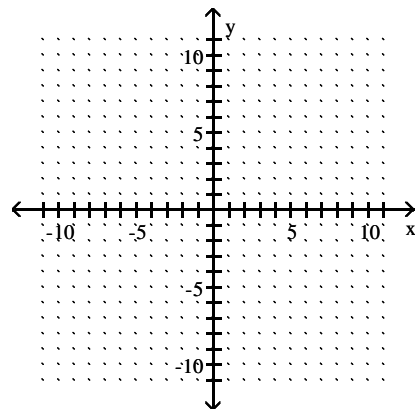
24)  $-5x - 10y = 20$



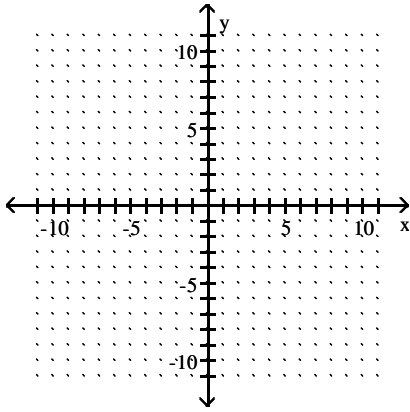
22)  $2x - 8y = 0$



25)  $5y - x = 0$

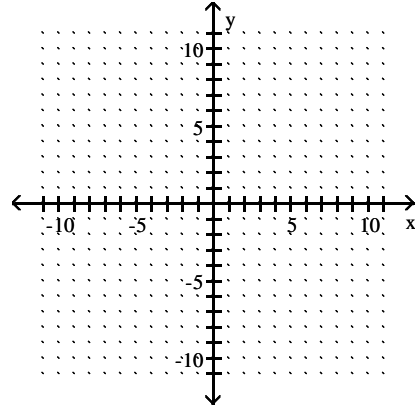


26)  $12y - 3x = -6$

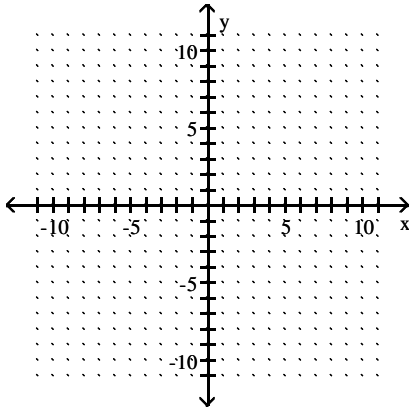


**Graph the equation.**

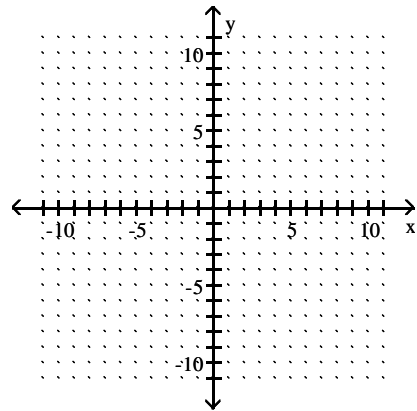
29)  $y = 5$



27)  $16y - 4x = -8$

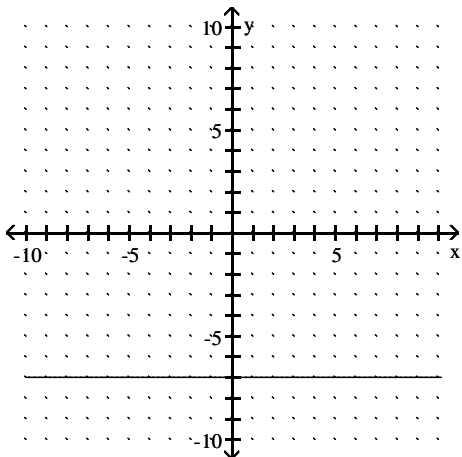


30)  $x = -1$



**Write an equation for the graph.**

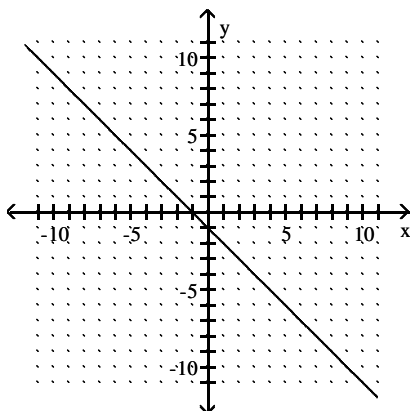
28)



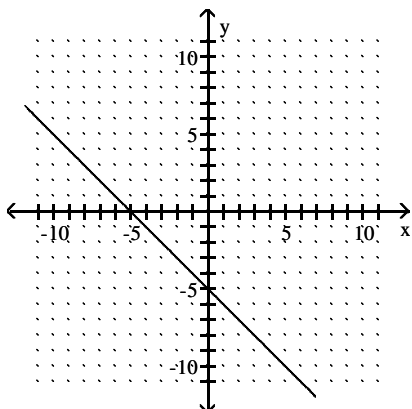
# Answer Key

Testname: 04.2V01

- 1) x-intercept = 5; y-intercept = 5
- 2) x-intercept = -4; y-intercept = -4
- 3) x-intercept = 3; y-intercept = 9
- 4) x-intercept = 2; y-intercept = 6
- 5) x-intercept = -1; y-intercept = 4
- 6) x-intercept = 4; y-intercept = 5
- 7) x-intercept = 0; y-intercept = 0
- 8) x-intercept = -3; y-intercept = 2
- 9) x-intercept = -3; y-intercept = -3
- 10) x-intercept =  $-\frac{1}{2}$ ; y-intercept = 2
- 11) x-intercept = 6; y-intercept = -3
- 12) x-intercept =  $\frac{10}{7}$ ; y-intercept =  $-\frac{10}{3}$
- 13) (0, -1), (-1, 0)



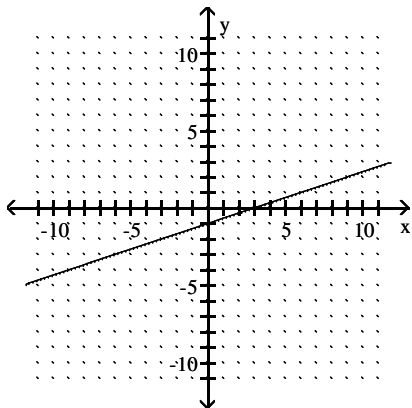
- 14) (0, -5), (-5, 0)



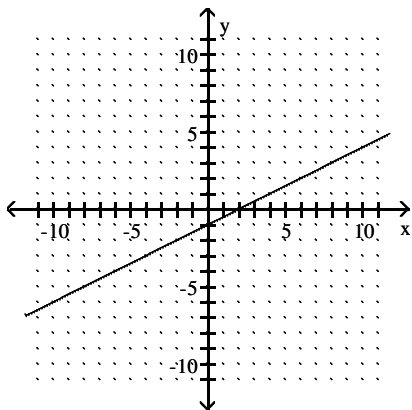
Answer Key

Testname: 04.2V01

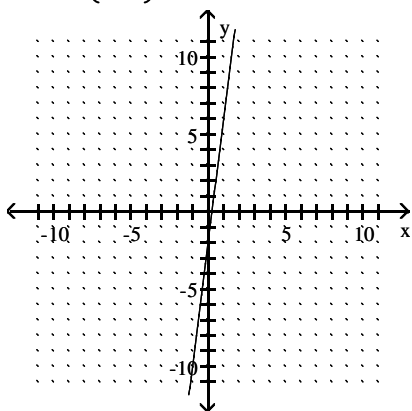
15)  $(0, -1); (3, 0)$



16)  $(0, -1); (2, 0)$



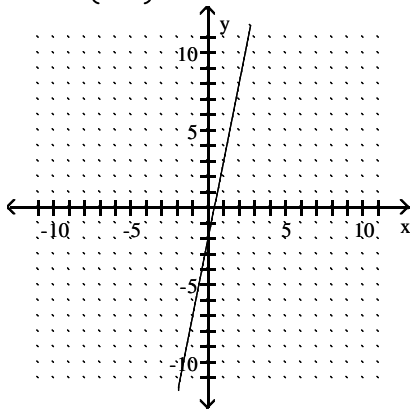
17)  $(0, -2); \left(\frac{1}{4}, 0\right)$



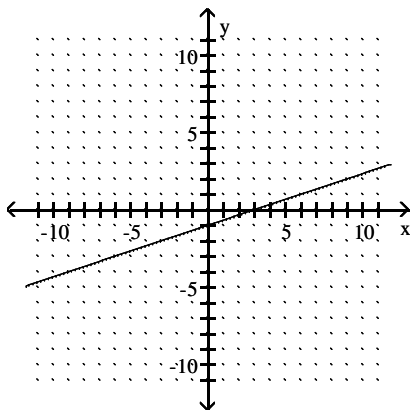
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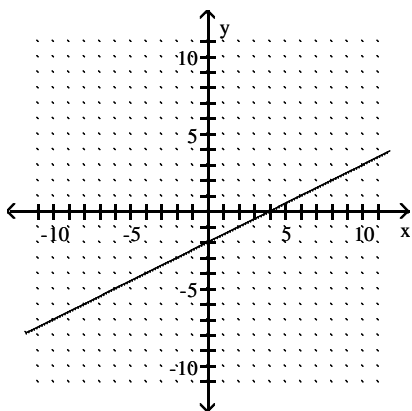
18)  $(0, -2); \left(\frac{2}{5}, 0\right)$



19)  $(0, -1); (3, 0)$



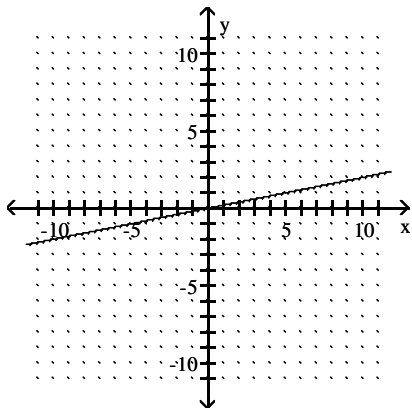
20)  $(0, -2); (4, 0)$



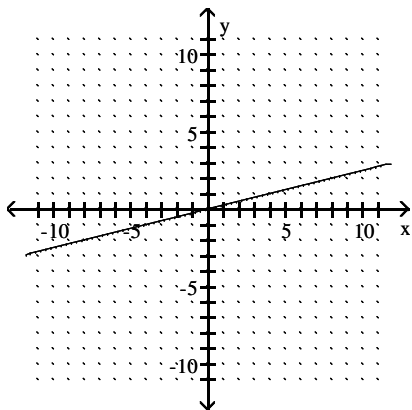
Answer Key

Testname: 04.2V01

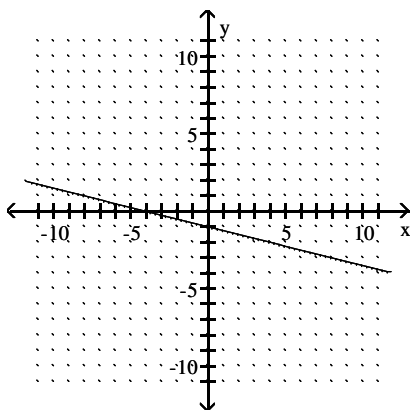
21)  $(0, 0); (0, 0)$



22)  $(0, 0); (0, 0)$



23)  $(0, -1); (-4, 0)$

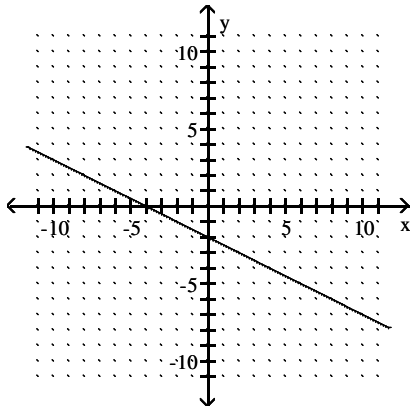




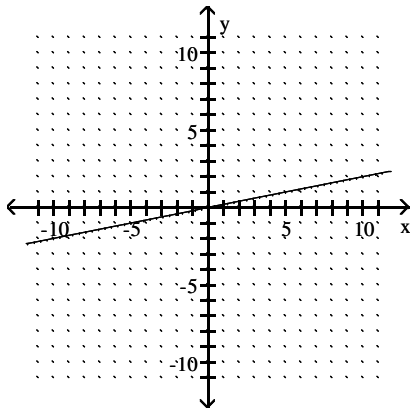
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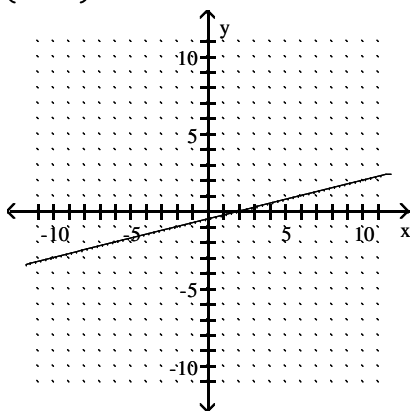
24)  $(0, -2); (-4, 0)$



25)  $(0, 0), (0, 0)$



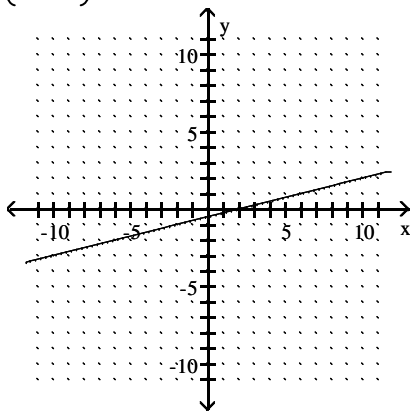
26)  $\left(0, -\frac{1}{2}\right); (2, 0)$



Answer Key

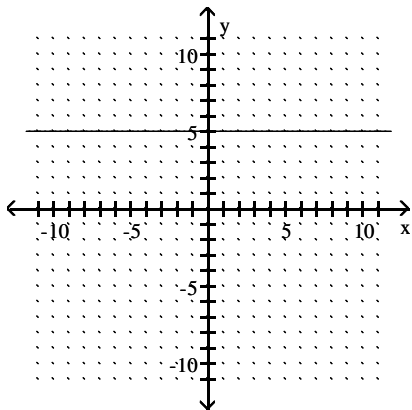
Testname: 04.2V01

27)  $\left(0, -\frac{1}{2}\right); (2, 0)$



28)  $y = -7$

29)



30)

