

Show all work to receive credit!

Solve each equation.

1.  $2x + 4 = 5x - 2$

2.  $8 - 4x = 2x - 13$

3.  $8x - 12 = 3x + 23$

Solve each equation. If the equation is an identity, write *identity*. If it has no solution, write *no solution*.

4.  $3(2 - 2x) = -6(x - 1)$

5.  $3x + 1 = -x + 5$

6.  $4x - 1 = 3(x + 1) + x$

7.  $\frac{1}{2}(6x - 4) = 4 + x$

8.  $5x = 2 - (x - 7)$

9.  $x + 5 = x - 5$

Solve for  $y$  in terms of  $x$ . (hint: make it say  $y = mx + b$ )

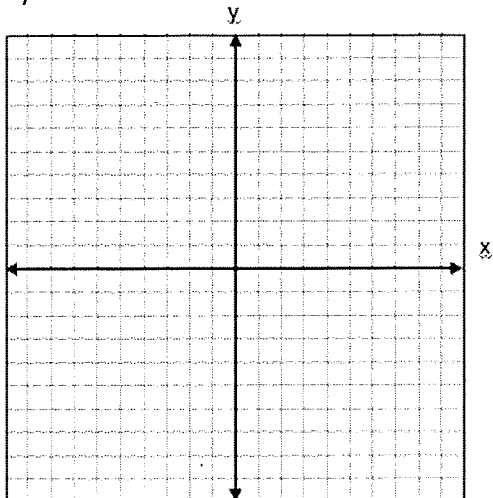
10.  $3x - 2y = -2$

11.  $10 = x + 5y$

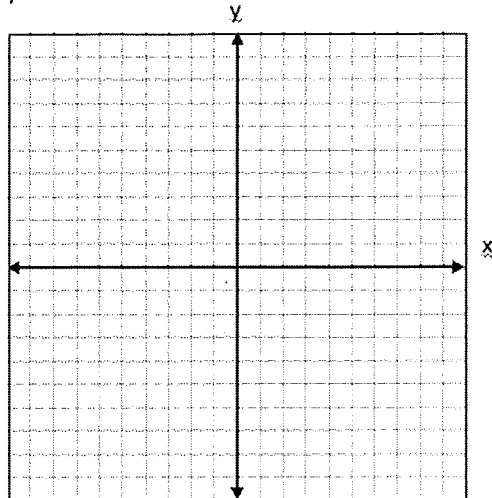
12.  $2y = -2x - 8$

Graph each equation.

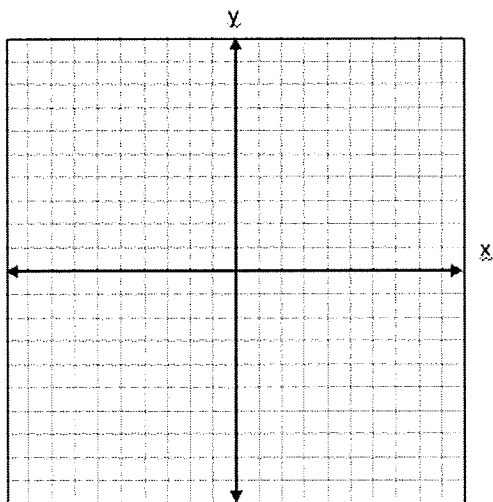
13.  $y = 3x - 6$



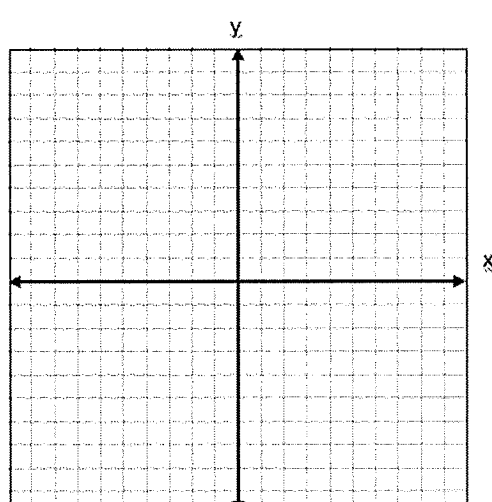
14.  $y = -x + 2$



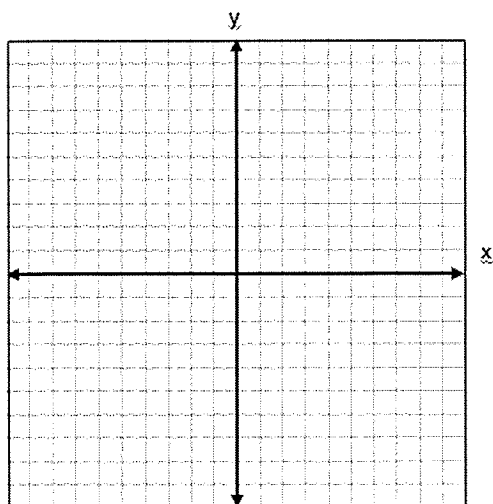
15.  $y = 6x + 1$



16.  $y = -4x$



17.  $y = 2x - 5$



18.  $y = x + 5$

