

Graph the following equations: *on the back.*

1.  $y = 5x - 9$

2.  $y = \frac{1}{4}x + 3$

3.  $y = -\frac{2}{5}x$

4.  $y = -3$

5.  $y = 2x + 4$

6.  $y = -\frac{1}{3}x - 2$

Determine if the ordered pair is a solution to the function.

7.  $6y - 3x = -9$  (2, -1) \_\_\_\_\_

8.  $-5x - 8y = 15$  (-3, 0) \_\_\_\_\_

9.  $2y - 4x = 8$  (-2, 8) \_\_\_\_\_

10.  $y = -2$  (-2, -2) \_\_\_\_\_

Solve the indicated variable.

11.  $x$ ;  $3y + x = 12$  \_\_\_\_\_

12.  $y$ ;  $3x + 3y = 15$  \_\_\_\_\_

13.  $y$ ;  $-x - y = 3$  \_\_\_\_\_

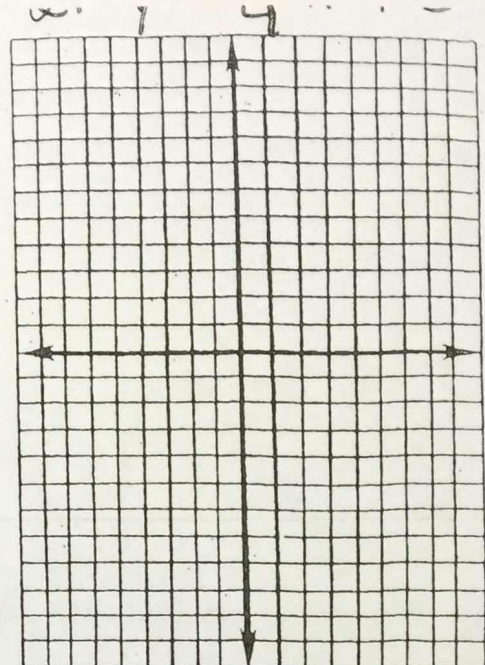
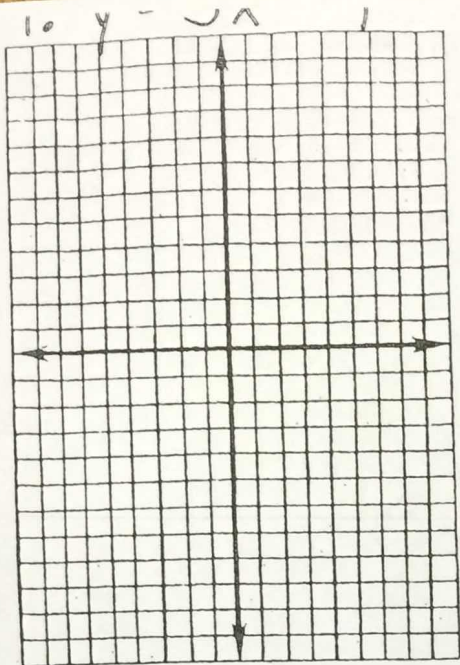
14.  $x$ ;  $-x - y = 3$  \_\_\_\_\_

Solve each equation.

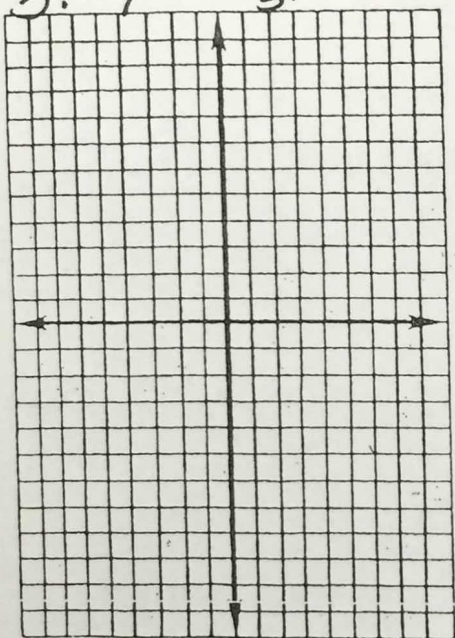
15.  $7x + 19 = -2x + 55$   
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16.  $-(8n - 2) = 3 + 10(1 - 3n)$   
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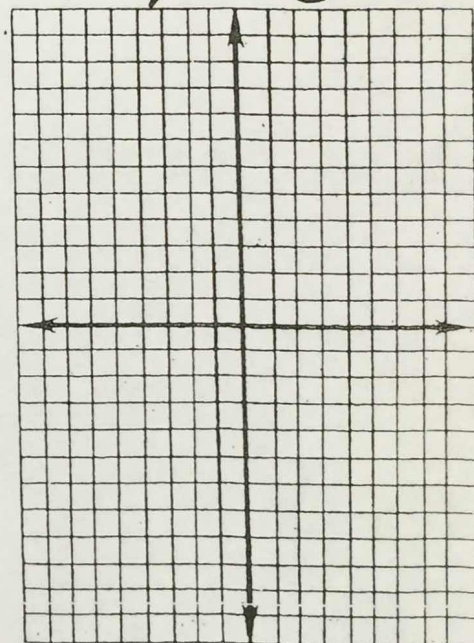
17.  $12y + 21 = 9y$   
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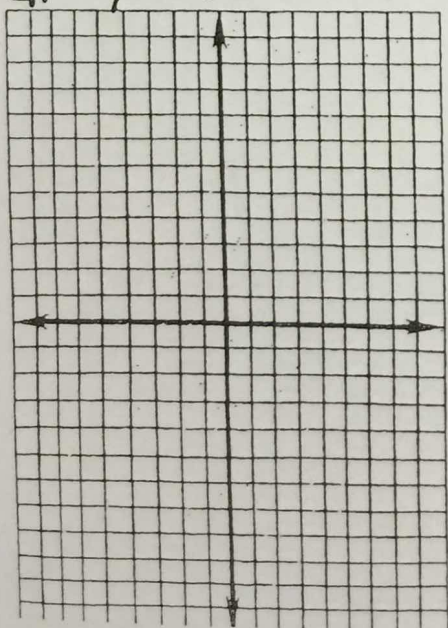
3.  $y = -\frac{2}{5}x$



4.  $y = -3$



5.  $y = 2x + 4$



6.  $y = -\frac{1}{3}x - 2$

