

Multi-Step Equations & graphing w.s.

Date _____ Period _____

Solve each equation.

Answers

1) $-20 = -4x - 6x$

1) $-20 = -4x - 6x$

{2}

3) $8x - 2 = -9 + 7x$

3) $8x - 2 = -9 + 7x$

{-7}

5) $4m - 4 = 4m$

5) $4m - 4 = 4m$

No solution.

7) $5p - 14 = 8p + 4$

7) $5p - 14 = 8p + 4$

{-6}

9) $-8 = -(x + 4)$

9) $-8 = -(x + 4)$

{4}

11) $14 = -(p - 8)$

11) $14 = -(p - 8)$

{-6}

13) $-18 - 6k = 6(1 + 3k)$

13) $-18 - 6k = 6(1 + 3k)$

{-1}

15) $2(4x - 3) - 8 = 4 + 2x$

15) $2(4x - 3) - 8 = 4 + 2x$

{3}

17) $-(1 + 7x) - 6(-7 - x) = 36$

17) $-(1 + 7x) - 6(-7 - x) = 36$

{5}

19) $24a - 22 = -4(1 - 6a)$

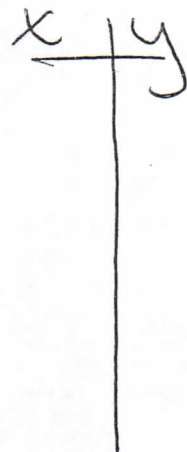
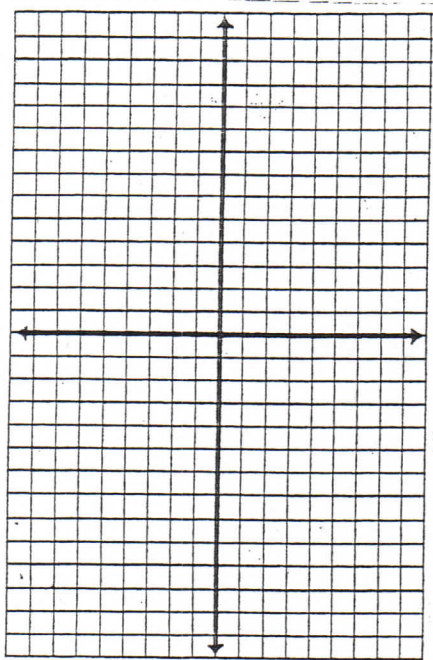
19) $24a - 22 = -4(1 - 6a)$

No solution.

Graph the equations using a t-table

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

#1



$$y = 6x + 1$$

#2

