



# Multi-Step Linear Equations

Version 1

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Direction: Solve each multi-step linear equation. Show all your work in the space provided.

1)  $12 - 6x = -8x + 7 + 7x$

2)  $9(1 - x) + x = 6 + 7(x - 6)$

3)  $-3(1 - 10x) + 5x = 6(x - 11) + 5$

4)  $-6(x + 2) + 3(1 + 2x) = 9x - 12x$



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Score: \_\_\_\_\_

Direction: Solve each multi-step linear equation. Show all your work in the space provided.

1)  $12 - 6x = -8x + 7 + 7x$

$$x = 1$$

2)  $9(1 - x) + x = 6 + 7(x - 6)$

$$x = 3$$

3)  $-3(1 - 10x) + 5x = 6(x - 11) + 5$

$$x = -2$$

4)  $-6(x + 2) + 3(1 + 2x) = 9x - 12x$

$$x = 6$$