

MULTI STEP LINEAR EQUATIONS

Name _____

Class _____ Date _____

Solve the equation. Show all work.

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

3) $2(x + 7) = (2x + 14)$

2) $13(6x - 8) = 8x - 3$

4) $-9x + 6(-2x - 2) = -28 - 5x$

$$5) 2(2x - 2) = 3(x + 2)$$

$$8) 3x + 4 - 7(x + 1) = -(6x - 2)$$

$$6) -[4x + (6x + 3)] = 6 - (8x + 8)$$

$$9) -2x + 5(3x - 5) = -6 - 6x$$

$$7) 2x + 2 + 7(x + 1) = -5x + 6$$

$$10) -4x + 2(2x - 7) = -5 - 9x$$