

Name _____

Homework # _____

Multiple Step Equations

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1. $4(2x - 5) = 3x + 10$

3. $6x + 4 = 5(3x + 8)$

2. $8(x + 3) = 12x - 4$

4. $-2(18 - 3x) = 7x + 2x$

$$5. 2(4x - 12) + 3x = 6x + 1$$

$$7. 6(1 + 3x) = -8(-2x + 5) - 4$$

Think of this as a -1 that
needs to be distributed to
(5x + 5)

$$6. 10x + 7 = 8(2x - 4) - 9$$

$$8. 6x - (5x + 5) = -8 - 2(x + 12)$$