

Name: _____

Date: _____

MULTI-STEP EQUATIONS

Solve for the variable and show your work.

1)

$$7(t - 6) + 5 = 3t - 53$$

2)

$$15(2q - 9) - 11 = 12q - 92$$

3)

$$4(3t - 1) - 2 = -3t - 126$$

4)

$$2(2p + 5) - 5 = -p + 40$$

5)

$$6(3v - 2) - 10 = -2v - 2$$

6)

$$5(2b - 1) + 2 = -3b + 23$$

7)

$$-5(-7k - 1) + 3 = 5k - 52$$

8)

$$4(2x - 1) - 5 = 3a - 34$$

9)

$$-10(2p - 7) - 13 = 5p + 7$$

10)

$$-3(2y - 1) - 1 = -4y - 10$$