**HW:**

Algebraic Solution:

**1.** 2(x - 8) + x = 3(x - 6) + 2 **2.** 9(x - 2) = 8(x - 3) + x

**3.** 8x - 5x + 3 = x - 7 + 10 **4.** 6 + 3x + x = - x + 8 - 26 + 24

Solve using substitution:

**5.** 2x – 3y = -1 **6.** y = -3x + 5 **7.** y = 5x – 7

 y = x -1 5x – 4y = -3 -3x – 2y = -12

**8.** The Abbas family started a savings account at $200 and will save $5 every week. The Yias family starts their account with $50 and will save $10 every week. At what week will they have the same amount of money?