Homework 3 June 20, 2016

Solve the following equations.

1. $x + 4(x + 3) = 17$

2. $\dfrac{1}{4}(t + 10) = 5$

3. $5x - 16 = 15 - 5x$

4. $3x - 7 = 2x + 8 + 4x$

5. Which equations are equivalent?

I. $3x - 4x + 18 = 5x$ **II.** $4 + 6x = 8x - 2$ **III.** $2x - 8 = 7 - x$

   a. **I** and **II**

   b. **II** and **III**

   c. All

   d. None