

Math 70 Quiz #6
November 2, 2010

Name: _____

Show all work and answers on a separate paper. Staple this sheet to your answers. Simplify your answers as much as possible. No calculators are permitted on this quiz.

1. (3 pts.) Simplify $10t - [5t + \frac{1}{2}(4t + 8)]$.

2. (1 pt.) Is $x = 5$ a solution to the equation $8 + x = 3x - 2$?

3. Find the solutions to the following equations. (Remember: You can check your answers.)

(a) (1 pt.) $5 = x + 9$

(b) (1 pt.) $t - 8.5 = -1$

(c) (1 pt.) $\frac{1}{4}x = 12$

(d) (2 pts.) $10a - 2a = 3.2$

(e) (3 pts.) $\frac{1}{6}x - \frac{1}{3} = 1$

(f) (3 pts.) $2(m + 5) = 9 - 4m + 4$