

Math 70 Quiz #5
February 8, 2011

Name: _____

Show all work and answers on a separate paper. Staple this sheet to your answers. Simplify your answers as much as possible.

1. Simplify the following:

(a) (2 pts.) $5x - 2.4y - x - 8.2y$

(b) (3 pts.) $-6a(3a - \frac{1}{2}b)$

(c) (3 pts.) $2x(x - 3) - x^2 + 5x^2$

(d) (3 pts.) $10t - [5t + 2(3t + 1)]$

2. (2 pts.) Evaluate $4x^2 + x - 9$ for $x = -2$.

3. (2 pts.) Given the conversion formula $F = \frac{9}{5}C + 32$, convert 25°C to the same temperature in Fahrenheit.