

Math 80 Quiz #1
January 12, 2010

Name: _____

Show all work on a separate sheet. Put a box around your final answer. No calculators are permitted.

1. Simplify the following as much as possible.

(a) (1 pt.) $\frac{3}{4} - \frac{1}{6}$

(b) (1 pt.) $5 - 4(2 + 1)^2$

2. Solve the following equations. (Remember that you can check your answers.)

(a) (1 pt.) $\frac{x}{4} = 10$

(c) (2 pts.) $9(x - 2) - 3 = 2x + 7$

(b) (2 pts.) $6t + 4 = 1$

3. (3 pts.) Bob spent three days on a 1300 mile road trip. He drove twice as far on the second day as the first day. On the third day, he drove 300 miles more than he did on the first day.

How far did he drive each day? (Set up an equation to solve and state your answer in a sentence.)