

Math 70 Quiz #7
November 10, 2009

Name: _____

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

1. (3 pts.) Solve the following equation: $\frac{5}{21}x = \frac{2}{3}x - \frac{6}{7}$
2. (3 pts.) Solve the equation $6x + 3y = 12$ for the variable y .
3. (2 pts.) Solve the equation $A = \frac{1}{2}ab$ for the variable b .
4. Write an algebraic expression for each quantity. Use your favorite variable.
 - (a) (1 pt.) One-fifth of a number
 - (b) (1 pt.) 2 more than the product of 10 and a number