

# Math 1303 - Math in the Liberal Arts

Quiz #9 - 2005.10.17

Name: \_\_\_\_\_

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1. Solve the following equation for the unknown variable.

$$2x - 7 + 3\left(x - \frac{4}{5}\right) = 2(x + 3(x + 4) - 7)$$

2. Determine if the following equation is true:

$$\frac{a}{b} + \frac{a}{c} = \frac{a}{b+c}$$