

Circle One:

Name: _____

9:55-10:45 (2)

11:00-11:50 (3)

Math101, Sections 2 and 3, Spring 2008

Quiz #6: 04-07-08.

You may use the back side of the page if necessary. Please indicate so if you do.

1. (3 Points) Reduce the following rational expression:

$$\frac{25 - 5b}{b^2 - 25}$$

2. (4 Points) Write the following two rational expressions as one rational expression. Be sure to simplify if possible.

$$\frac{w}{w - z} - \frac{z}{z - w}$$

3. (3 Points) Simplify

$$\frac{\frac{1}{x} + 1}{-\frac{1}{x} + 1}$$