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412 McAllister  
2:30pm MWF  
Mathematics

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College Algebra  
Math 22  
3/28/08

Quiz 9

5 points    Good Excuse: \_\_\_\_\_

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

Circle Section 003 004 007

1. Consider  $f(x) = x^2$  . Find the set  $f^{-1}(9)$  .

2. Consider  $f(x) = \frac{1-x}{1+x}$

a. Find the range of  $f^{-1}$  in interval notation.

b. Find the range of  $f$  in interval notation.