

Bill Arvola  
412 McAllister  
2:30pm MWF  
Mathematics

Penn State, Univ. Park  
814-863-3210  
*arvola@math.psu.edu*  
[www.math.psu.edu/arvola/](http://www.math.psu.edu/arvola/)

College Algebra  
Math 22  
1/18/08

Quiz 1

5 points    Good Excuse: \_\_\_\_\_

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

Circle Section 003 004 007

1. Solve:  $\frac{1}{3-t} + \frac{4}{3+t} + \frac{16}{9-t^2} = 0$

2. Solve:  $x^{4/3} - 16 = 0$

3. Solve for a:  $\frac{a+1}{b} + \frac{a-1}{b} = \frac{b+1}{a}$