

Bronx Community College, CUNY

MTH30 Pre - Calculus

**Quiz 14**  
**(Section 3.4)**

**Show all your work to get full credit**

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

1. Solve the exponential equation  $4^{x+5}=16$

2. Solve the logarithmic equation  $\log_3(x-1) - \log_3(7) = 2$