## Classwork 10 College Algebra and Trigonometry, MTH 123, Section 3260, Fall 2011 Instructor: Abhijit Champanerkar Oct 31st 2011

Name:

**1.** Evaluate the expressions:

1.  $\log_9 81$ 

2.  $\log_2 16$ 

3.  $\log_9 \sqrt{3}$ 

4.  $2^{\log_2 7}$ 

**2.** Use definition of logarithm to find x:

1.  $\log_3 x = 2$ 

2.  $\log_4 x = 2$ 

3.  $\log_x 8 = 3/2$