

NAME: _____

Quiz 3 [10 pts]. September 25, 2008

Math 111 Sec FC01

1. Compute the value of each number below. Be sure to show your work:

(a) $\frac{8!}{6!}$

(b) $P(6, 2)$

(c) $C(6, 2)$

2. (a) A class of 33 students takes an exam. The teacher is grading on a curve, and will only give an A to four of the students. How many ways can the As be awarded? [You do not need to simplify your answer.]

(b) Suppose further that the teacher will give out exactly the following grades:

Grade	Number of students
A	4
B	13
C	10
D	4
F	2

How many ways can the grades be assigned to the class? [You do not need to simplify your answer.]