Name:_____

Section:_____

MATH 120D
QUIZ 1
October 3, 2002

You may use a calculator to complete this quiz. No notes please. Show all work.

Joan is practicing to be a Blackjack dealer in Las Vegas. She can shuffle the cards 2 times every 7 seconds.

1. (3 points) If she shuffles for 14 minutes, how many times does she shuffle?

2. (3 points) How long will it take her to shuffle 5000 times? Give your answer in hours.

3. (4 points) Joan's cousin Todd can shuffle 97 times in 5 minutes. Who shuffles faster: Joan or Todd? Justify your answer.