MATH 101-(141)
QUIZ # 6

NAME: ..... ID. #: . . . . . .

Q1. What is the smallest perimeter possible for a rectangle whose area is $100cm^2$, and what are its dimensions?

Q2. Find the dimensions of the rectangle of largest area that has its base on the x-axis and its other two vertices above the x-axis and lying on the parabola $y = 8 - x^2$?