26L-04 Spring 1999
Gateway XX.XX.XX   Name: ______________________

You must get sevenof the eight problems completely correct to pass, so be sure to check your answers a couple of times. Circle your final answers (work will not be graded or looked at). Good luck!

For problems 1-7 below, find $\frac{dy}{dx}$.

1. $y(x) =$

2. $y(x) =$

3. $y(u) =$ $u(x) =$

4. $y(x) =$

5. $y(x) =$

6. $y(x) =$

7. $y(x) =$

For problem 8, find the second derivative of $y(x)$.

8. $y(x) =$