Homework 8

Due Friday March 8

1. Use the Arc Length formula to calculate the circumference of a circle with equation $x^2 + y^2 = r^2$

2. Use the Surface Area formula to calculate the surface area of a sphere with radius r.

Section 8.1: 1, 8, 12, 35, 41

Section 8.2: 2a, 10, 14