Geometry CP
Chapter 12 Warm-up

Directions: **Show all work neatly. Round to tenths. Circle each answer.**

1. A cylinder with height 16 has a surface area of 1000. Find the cylinder's radius.

2. Find the surface area of a ball with diameter 50.

3. The height of a regular hexagonal pyramid is 135. The perimeter of the base is 530. Find the slant height.

4. Find the surface area of a cone that has slant height 73 and a base angle of 51°.