Math 142 – Fall 2003 _____ NAME: _____

Quiz # 6   15

Section 12.5 & section 13.1   Seat: _____

3pts

1. Draw a **<u>triangular prism</u>** using dashed lines for edges that cannot be seen.

3pts

2. A **<u>pentagonal prism</u>** has _____ faces, _____ edges and _____ vertices.

4pts

3. Give a definition of **<u>skew lines</u>**, then give an example using objects in this classroom.

3pts

4. Choose the most realistic measures of the following objects.   (Circle the best answer.)

       a. The length of your foot: 30 millimeters, 30 centimeters, or 30 decimeters.

       b.   The volume of a tea cup: 2.5 milliliters, 25 milliliters, or 250 milliliters.

       c.   The mass (weight) of a pen: 10 milligrams, 10 grams or 10 kilograms.

2pts

5. Convert

       a. 30 mm = _____ cm

       b. 15º C = _____ F