Math 142   Sp 2005   _____   NAME: _____
Quiz # 7   15
Sections 13.3-13.4   Seat: _____
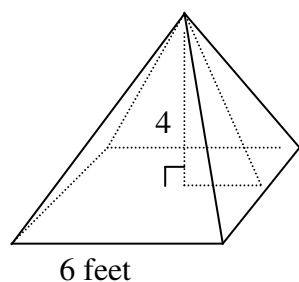**Partial credit is based on work shown!**
9pts
1. Pictured below is a <u>square pyramid</u> with base edge of 6 feet and height of 4 feet.

                              a. What is **slant height** of this pyramid?
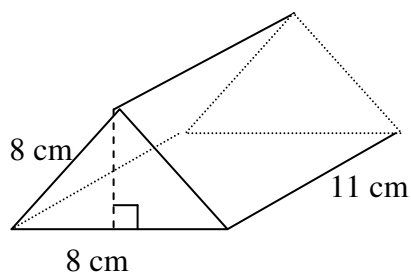

     6 feet

b. What is the **volume** of this pyramid?   c. What is the total **surface area** of the pyramid?

6 pts
2. Pictured below is an <u>equilateral triangular prism</u> with measurements as indicated.

                              a. What is the **height** of the triangular base?

b. What is the total **surface area** of the prism? (Draw "flattened" or describe before doing calculations.)