

**QUIZ 3.10 – Surface Area and Volume Problems**

**NAME:** \_\_\_\_\_

1. Mr. Wellwood is painting the walls of his workshop. The shop is 34' long, 33'6" wide, and 12' high. There is a door that is 7' x 3' and another that is 16' x 9' that he will not paint
  - a. Determine the surface area of the walls of his shop in square feet, including the door and the window
  
  - b. Determine the surface area that he needs to paint.
  
  - c. Mr. Wellwood is painting with the cheapest paint he could get. Each can of paint covers 11 m<sup>2</sup> of wall space. How many square feet does one can cover?

