

Watertown Shed Building Project

Applied Math Week #2

QUESTIONS OF THE DAY

- 1) Our shed will be 8ft by 10ft (2400 X 3000). What do these numbers mean? What dimension is NOT referred to with these numbers? Use math vocabulary words in your description.

- 2) Based on the numbers above, draw an isometric floor plan of the shed. What will be the measure of the **perimeter** of our shed? Explain how you got your answer.

- 3) We are going to cover our floor frame with plywood. The custodians what to know how much space they are going to have to store things. What can we tell them is the measure of the **surface area** of our floor? Explain how you labeled your measure.

- 4) We need to put the plywood onto our floor frame. The frame measures 8 ft by 10 ft. The plywood we have only measures 8 ft by 4 ft. Explain what we need to do to cover this frame exactly (how many pieces / do we have to cut them). Draw a picture to show your covering.