

Math Grade 8

Time: One Period (45 minutes)

Essential Standard grade band 6-8:

Become proficient in selecting the appropriate size and type of unit for a given measurement situation, including length, area, and volume

Team Members

Diana Pace

Janet Webster

Don Vale

Jamie Foreman

Patrick McLaughlin

Title: ***Cord Wood Dilemma***

I ordered two cords of wood that was just delivered. I finally got the wood stacked and i am wondering if I really received two cords of wood, the stacks looks short to me.

A cord is defined as wood stacked 4 feet by 4 feet by 8 feet.

I measured my two stacks of wood. One is 72 inches by 167 inches by 16 inches. The other stack of wood is 65 inches by 266 inches by 16 inches.

Did I get about two cords of wood?

Taken from: http://www.rda.aps.edu/mathtaskbank/fi_html/gssmtask.htm

Check List

The teacher will need to see all of your work. Check (x) off each one as you use it. Be sure to include the following:

1. Pictures, charts, graphs, or t-tables that support your explanation
2. A written explanation with detailed sentences
3. The equation or number sentence
4. The answer (Ask yourself: Is my answer reasonable? Why or why not?)
5. The solution in more than one way or related to other situation