Answer the following questions.

1) A stack of fifteen 3/4 inch plywood and nine 5/8 inch plywood are stacked together in one pile. As a mixed number, how tall is the stack?

2) You have a 25 inch space under your stairs where you can store wood in your garage. How many 2x4 (remember they are actually 1 5/8 inches thick) can you fit in the storage space?

3) In a lot of businesses that supply a parts bag for assembly, instead of counting the items, they weigh the bag to see if all parts are there. In a parts bag, there are 13 nuts that weigh 5.25 grams each, 13 bolts that weigh 20.5 grams each, and 26 spacers that weigh 15.5 grams each. What is the weight of the parts bag?

4) A business has been in the negatives every quarter this year. In the first quarter they were -$12,500, the second quarter -$3500, third quarter of -$25,300, and a final quarter loss of -$15,400. What was the average per quarter for this year? Remember to keep your signs on your solution.

5) In opening your own business you have two choices for facilities in the area you want to be located. The first is 2000 square feet for $7500 per month and the other is 2250 square feet for $8350 per month. Which is the cheaper facility per square foot?