Name: _____

Date: _____

Steel Plates on a 1-ton Truck

You are loading ¼" steel plates into the bed of a 1-ton pickup. A ¼" steel plate weighs about 10.2 pounds per square foot. How many 2' by 4' steel plates can you load onto the bed of this pickup?

Extension: One online vendor sells 2' by 4' quarter-inch steel plates for $152.01. How much are the steel plates in the back of the pickup worth?

Show your work, and write your answer in a complete sentence.