

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## **Steel Rods on a 1-ton Truck**

You are loading half-inch diameter, 6-foot long steel rods into the bed of a 1-ton pickup. Steel has a density of about 490 pounds per cubic foot. How many of these rods can you load onto the bed of this pickup?

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