

Name _____ Date _____

Description of Investigation and Student Report
Be an Investigator

You are working at a hobby shop. The owner of the hobby shop wants to have a display of model Viking ships. The models will be made to the following scale:

1 meter (m) of the ship : 1 centimeter (cm) on the model

He wants a wood base for each model ship that is a rectangle with the same width and length as the model. The wood is priced by the square centimeter (cm^2). He wants to find how many cm^2 of wood he will have to buy so he can find out how much it will cost. He would like you to calculate the area of each base in cm^2 . He would also like you to calculate the total number of cm^2 of wood that he will need to build all of the bases.

Name _____ Date _____

Be an Investigator
Student Report

This is my report of the number of square centimeters (cm^2) of wood that will be needed to build the base for each model and the total number of square centimeters (cm^2) of wood that will be needed for all of the bases.

Viking Ship Models

| Ship Name | Wood Needed for Base |
|-----------|----------------------|
| Oseberg | |
| Danmark | |
| Aifur | |
| Havorn | |
| Imme Gram | |

The amount of wood that will be needed is _____ .