

The Net

GRADES 6-8

Elaborate

Using the scale 1 inch = 1 foot (12 inches) calculate the dimensions of the scale model.

Width

$$\begin{array}{l} \text{Model} \\ \text{Actual} \end{array} \quad \frac{1 \text{ in}}{12 \text{ in}} = \frac{w}{\quad}$$

Height

$$\begin{array}{l} \text{Model} \\ \text{Actual} \end{array} \quad \frac{1 \text{ in}}{12 \text{ in}} = \frac{h}{\quad}$$

Depth

$$\begin{array}{l} \text{Model} \\ \text{Actual} \end{array} \quad \frac{1 \text{ in}}{12 \text{ in}} = \frac{d}{\quad}$$

Support Post

$$\begin{array}{l} \text{Model} \\ \text{Actual} \end{array} \quad \frac{1 \text{ in}}{12 \text{ in}} = \frac{x}{\quad}$$

Name: _____

Class: _____

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Evaluate

Before you cut your craft sticks, make a plan for how many of each dimension (width, height, depth, support post) you will need in your scale model.

Width	Height	Depth	Support Post