

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

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

## **Roof Height**

The rafters on a  $5/12$  pitch roof rise 5 inches for every 12 horizontal inches. If your house is 30 feet wide on the end and has a peak running along the center of the house, how much higher is the roof at its highest point than its lowest point?

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