

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

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

## **Roof Angle**

The rafters on a  $5/12$  pitch roof rise 5 inches for every 12 horizontal inches. Your house is 30 feet wide on the end and has a peak running along the center of the house, and it has a  $5/12$  pitch roof. What angle do the rafters of your roof make with the top of the house?

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