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.