

## Barge Rafter - 3d

$$c = b \div cos A$$

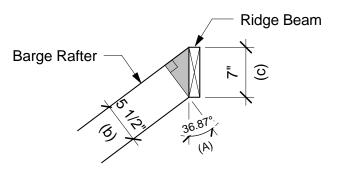
Enter: Rafter width ÷ 36.87 cos =

result: 6.875 (6 7/8") round off to 7"

Note: I suggest cutting 1/2" (see loss at top calc) off the bottom of the barge ridge if you want the soffits to meet without the bottom of the ridge getting in the way.

To find angle (A):

Enter: Rise ÷ 12 INV tan



Ridge Beam Depth @ Barge Rafter
1" = 1'-0"