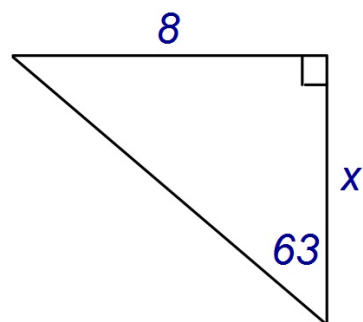


**Get a calculator.*

**Get in your assigned seat.*

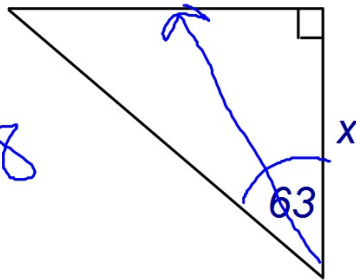
**Complete the following:*

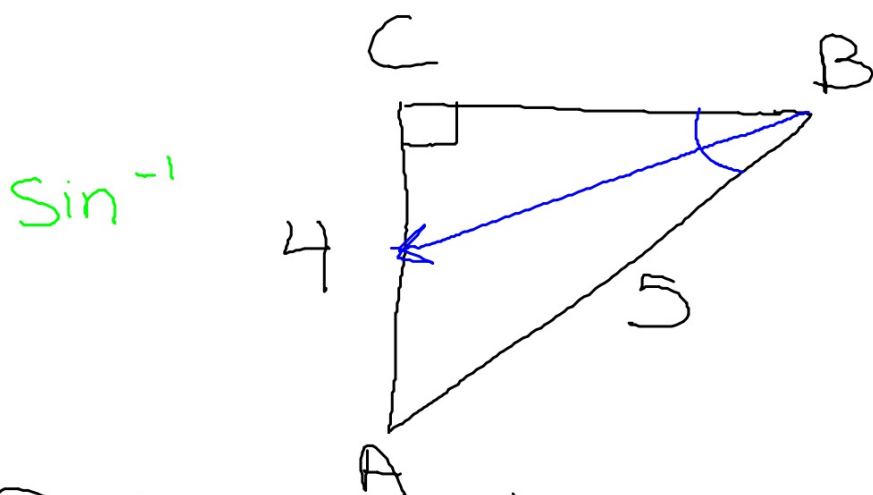


$$\tan 63 = \frac{8}{x}$$

$$x (\tan 63^\circ) = \frac{8}{\tan 63^\circ}$$

$$x = 4.08$$



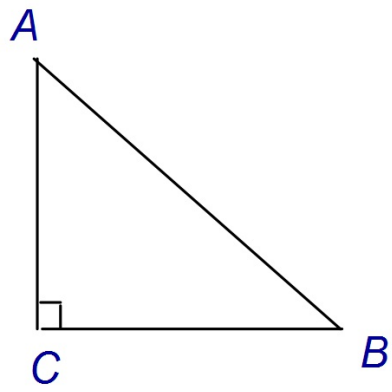


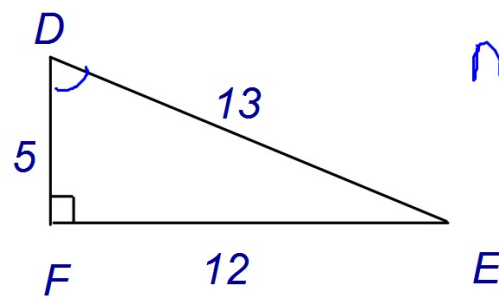
Determine the measure, in degrees of $\angle B$.

$= 53^\circ$

$$\frac{\sin B}{\sin} = \frac{4}{5}$$

$\sin^{-1}(4 \div 5)$





$$m\angle D = 67^\circ$$

$$\sin D = \frac{12}{13}$$

$$\cos D = \frac{5}{13}$$

$$\tan D = \frac{12}{5}$$