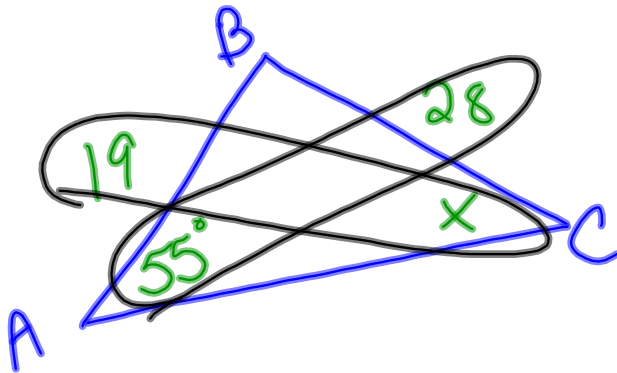


Using Sine Law to find Angles



$$\frac{\sin 55}{28} = \frac{\sin x}{19}$$

$$19 \sin 55 = 28 \sin x$$

$$15.56 = 28 \sin x$$

$$\frac{15.56}{28} = \sin x$$

$$0.5559 = \sin x$$

$$\sin^{-1}(0.5559) = 34^\circ$$

Answers to sheet  
 #4)  $15^\circ$     5)  $31^\circ$     6)  $22^\circ$     7)  $23^\circ$