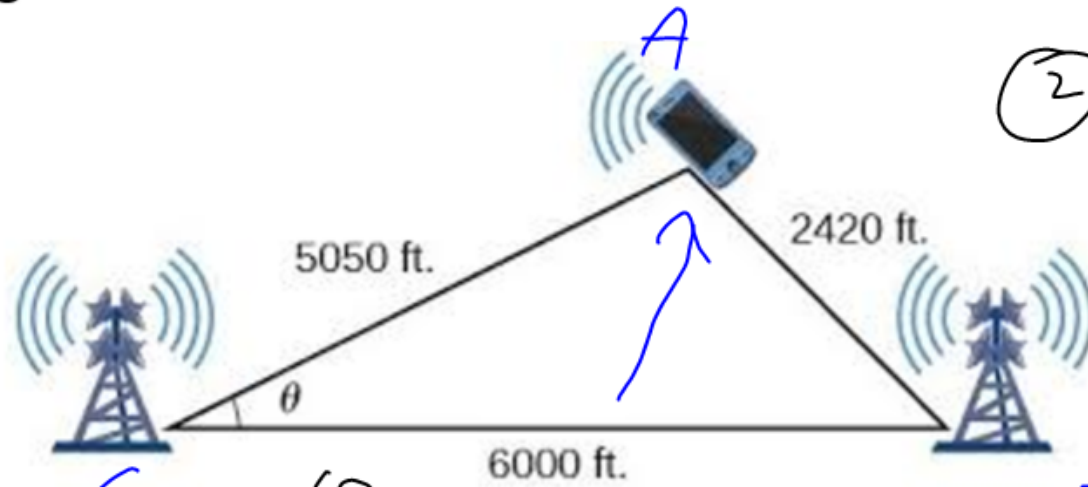


Solve the triangle and find its Area:



SSS

(2)

$$\frac{\sin B}{5050} = \frac{\sin 100.9^\circ}{6000}$$

$$\angle B = \sin^{-1}\left(\frac{5050 \sin 100.9^\circ}{6000}\right)$$

$$\angle B = 55.7^\circ$$

(3)

$$\angle C = 180 - 100.9 - 55.7$$

$$\angle C = 23.4^\circ$$

(1)

$$6000^2 = 2420^2 + 5050^2 - 2(2420)(5050) \cos A$$

$$\frac{6000^2 - 2420^2 - 5050^2}{-2(2420)(5050)} = \cos A$$

$$\angle A = \cos^{-1}(\dots) = 100.9^\circ$$