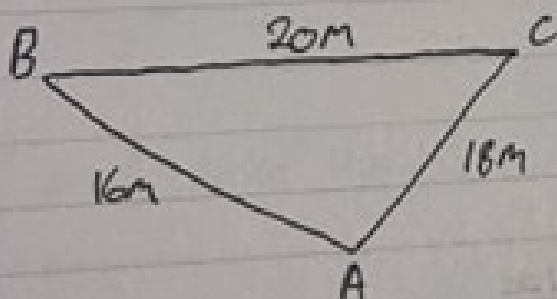


Q2)

Q3) Find Angle A



$$(20)^2 = (16)^2 + (18)^2 - 2(16)(18) \cos A$$

$$400 = 256 + 324 - 576 \cos A$$

$$400 - 256 - 324 = -576 \cos A$$

$$-180 = -576 \cos A$$

$$\frac{-180}{-576} = \cos A$$

$$0.3125 = \cos A$$

$$A = \cos^{-1}(0.3125)$$

$$A = 71.79^\circ$$