

3pm

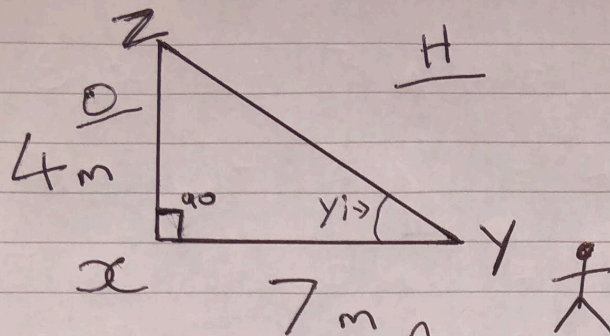
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7. i)

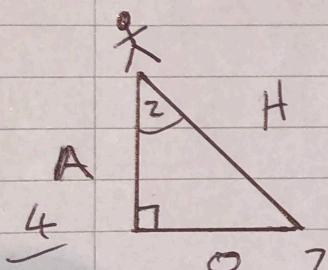
i) Angle y

$$\tan y = \frac{4}{7}$$

$$y = 0.5714$$

$$y = \tan^{-1}(0.5714)$$

$$y = 29.74^\circ$$

Angle z

$$\tan z = \frac{7}{4}$$

$$\tan z = 1.75$$

$$z = \tan^{-1}(1.75)$$

$$z = 60.26^\circ$$

$$180 - 60.26 - 29.74 = 90^\circ \checkmark$$

$$+ 90 = 180$$