

03/11/2020

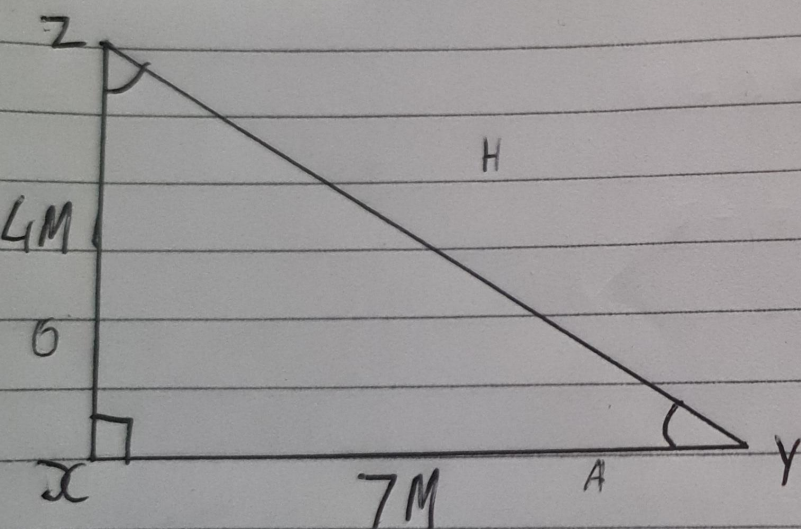
3:58 PM

ACHA3000

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Question 6

$$\begin{aligned}
 & 5(2x^2 - y^2) - x^2(x^2 - y) - x^2y - x^4 \\
 &= 10x^2 - 5y^2 - x^4 + x^2y - x^2y - x^4 \\
 &= 10x^2 - 5y^2 - 2x^4
 \end{aligned}$$

Question 7

$$\begin{aligned}
 \text{Angle } Y &= 29.74^\circ \\
 \text{Angle } Z &= 60.26^\circ \\
 \text{Length of } YZ &= 8.06 \text{ M}
 \end{aligned}$$

$$\text{Angle } Y = \tan(Y) = \frac{4}{7}$$

$$\tan(Y) = 0.5714285714$$

$$Y = \tan^{-1}(0.5714285714)$$

$$Y = 29.74^\circ$$