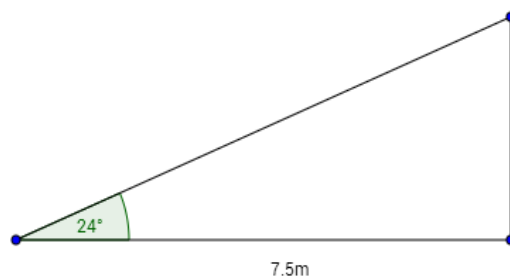


Student 6: High Not Achieved

NZQA Intended for teacher use only

$$\begin{aligned} AB &= \sin 24 = \frac{O}{H} \\ &= \frac{AB}{7.5} \\ 7.5 \sin 24 &= AB \\ AB &= 3.05m(2dp) \end{aligned}$$



$$\begin{aligned} AC &= \cos 24 = \frac{A}{H} \\ \frac{A}{H} &= \frac{7.5}{H} \\ \frac{7.5}{\cos 24} &= AC \\ AC &= 8.21m(2dp) \end{aligned}$$

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