

31st October

Corbettmaths

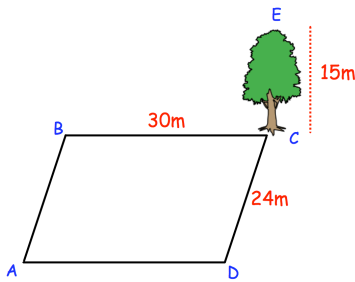
The first five terms of a sequence are shown below.

-20, -33, -52, -77, -108

Work out an expression for the n th term of the sequence

Given $\tan\theta = -\frac{7}{24}$ and θ is reflex

Work out the value of $\cos\theta$



A tree is located in the corner of a rectangular field. Find the size of angle CAE.

Find the coordinates where the line $y = x + 8$ and the curve $y = x^2 + 19x + 80$ intersect