

Estimate it!



#MathsEveryoneCanAtHome

We can use angles and length to estimate the height of trees near our houses.

Estimate the height of a tree by walking away from the tree until the top of the tree is at approximately a 45 degree angle from your eye height. Add your distance from the tree to your eye height to estimate the tree height!

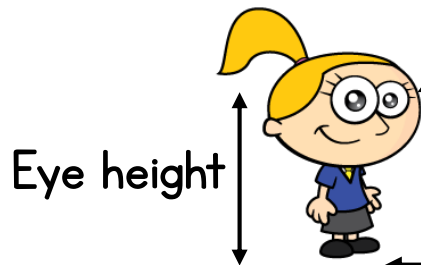
You could use this method to find the height of lampposts instead. Don't forget to share your estimates with us!

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I walked about 4 metres away from the tree, I think it is about 5 metres tall!



45°

Distance to the top of the tree

Distance from the tree

