

# Tree Height

**Find out how you can tell the height of a tree without chopping it down.**

Here's how you can find out the height of a tree, even one as tall as this...

Group the children in pairs and allocate each pair a tree.

Decide who is going to stand next to the tree and who is going to stand 5 metre away from it.



**Person standing 5m away:**

Hold a stick up vertically at arm's length with the top of the stick in your line of sight with your friend's head, keep this still while you move your thumb up the stick to be in line with their feet.

Mark the stick where your thumb is.

See how many times the part of the stick above the mark goes into the height of the tree.

Measure your friend's height

Now multiply

'How many times the tree is higher than your friend'	X	'How tall your friend is'	=	How tall your tree is
_____	X	_____	=	_____

MY TREES IS \_\_\_\_\_ M TALL!