Let's do m o re...

1 **Choose 4 other trees.**

For EACH tree:

FIRST   Estimate (guess) the girth.

SECOND   Measure it in handspans.

Record your measurements in the table.

GIRTH IN HANDSPANS

Tree	My Estimate	Actual number
1		
2		
3		
4		
Actual number total		

Find the AVERAGE girth of the trees you have studied.

FIRST
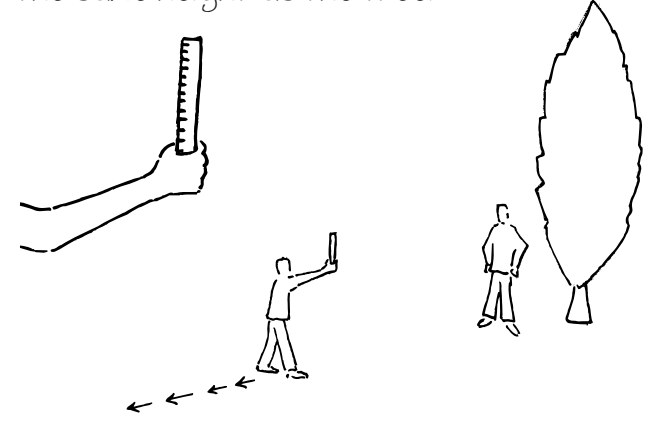Add up all the numbers in the Actual number column.

SECOND
Divide the answer by 4 (the number of trees studied).

The average girth of the trees is _____

2 Try this different method of measuring tree heights.
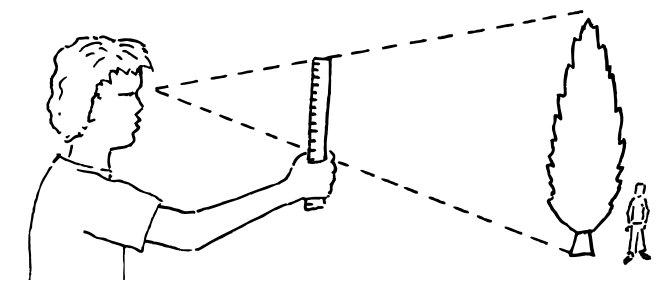
FIRST
Take a ruler.
Hold it at arms length vertically.
Leave your friend standing by the tree.
Move away until the ruler appears to be the same height as the tree.

SECOND
Turn the ruler sideways.
Get your friend to move sideways until he appears to be in line with the end of the ruler.

THIRD
Measure from the trunk to your friend by pacing along the ground. This is the tree height.