



# Tremendously thirsty!

Like most species on earth, trees need water to live, with more than 50% of a tree being made up of water. How much water does your chosen tree need to drink on an average day? Let's find out!

## Measure circumference

- 1 First, measure the circumference of the tree trunk at chest height (1.3 metres or 130cm up from the ground). Place your finger on the tree next to the 1.3 metre or 130cm mark.
- 2 Circumference is the measurement of distance all the way around a circle. To measure the circumference of the tree, use the measuring tape to measure around the tree at the 1.3m mark.

The circumference of tree 1 is:  cm

Calculate the water the tree drinks per average day. (40 litres per 2.5cm of trunk diameter)

Circumference	÷ 2.5cm	x 40	Litres per day
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Tree 1 needs to drink  litres of water on an average day.

The circumference of tree 2 is:  cm

Calculate the water the tree drinks per average day. (40 litres per 2.5cm of trunk diameter)

Circumference	÷ 2.5cm	x 40	Litres per day
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Tree 2 needs to drink  litres of water on an average day.

## Looking for more learning resources, information and data?

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