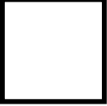
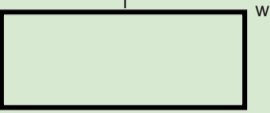


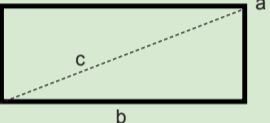

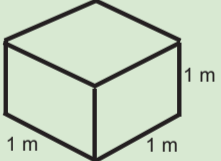
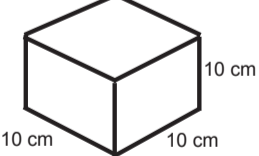


# Horticulture

## Definitions and formulas

Square	perimeter = 4 x length of side = 4s area = $s^2$ (side x side)	
Rectangle	perimeter = 2 (l + w) area = l x w	
Triangle	perimeter = a + b + c area = b x h x 0.5	
Circle	circumference = $\pi$ x d area = $\pi r^2 = 3.14 \times r \times r$	
Pi ( $\pi$ )	$\pi = 3.14$ (approx)	
Diagonal	$c = \sqrt{a^2 + b^2}$	
Metre (m)	converts to 1000 millimetres (mm)	
Converting metres to millimeters	number of metres x 1000	
Converting millimetres to metres	number of millimetres ÷ 1000	
Square metre (m <sup>2</sup> )	the area covered by a square with one metre sides	
Hectare (ha)	a hectare is any shape that has an area of 10 000 m <sup>2</sup>	
Converting ha to square metres	number of hectare x 10 000	
Converting square metres to ha	divide square metres by 10 000	
Volume	multiply the area of the base by the perpendicular height. for example, the volume of a rectangular container is l x w x h	
Cubic metre (m <sup>3</sup> )	a cubic metre is the amount of space contained in a cube with one metre sides one m <sup>3</sup> holds 1000 litres of pure water	
Litre (L)	one litre is the volume of a cube with 10 cm sides a litre of pure water weighs one kilogram	
Milli (m)	milli in front of the unit means one thousandth (1/1000) of the unit mL is one thousandth of a litre	
Kilo (k)	kilo in front of the unit means one thousand (1000) of the unit kilogram means 1000 grams	
Mega (M)	mega in front of the unit means one million (1 000 000) of the unit megalitre means 1 000 000 litres	
1 Tonne (t)	converts to 1000 kilograms	