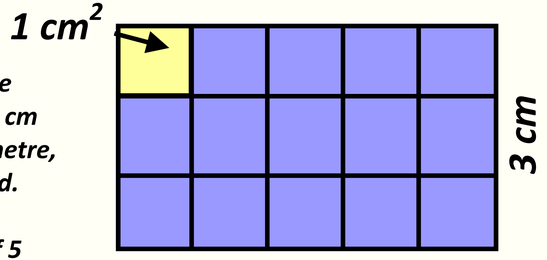
Area & Perimeter

Area

Area is a measure of how much space something takes up. A square that is 1 cm along each side takes up 1 square centimetre, or 1 cm². All units of area are squared.

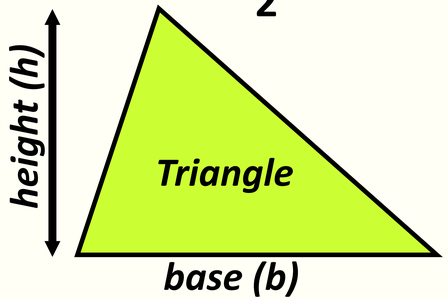
The rectangle here takes up 3 rows of 5 squares (3 x 5), or 15 cm².

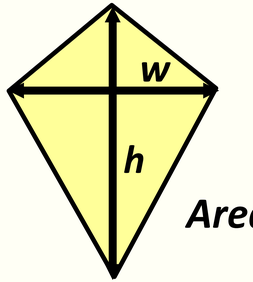


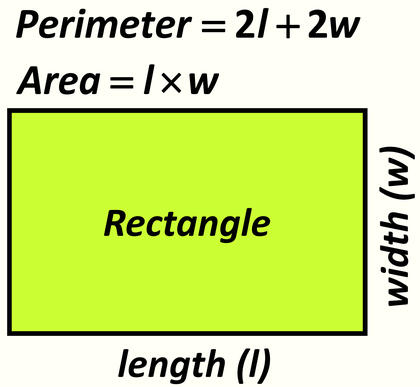
Perimeter

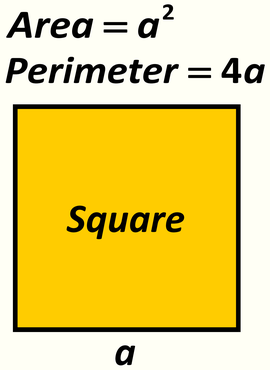
The perimeter of a shape is the distance around its edges. Simply add up all the sides, making sure that they are all in the same units. The units of perimeter are the same as the lengths of the sides.

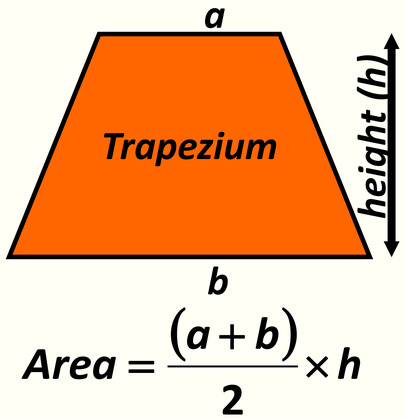
In this case, there are two sides that are 3 cm long, and two sides that are 5 cm long.
The perimeter = 3 + 3 + 5 + 5 = 16 cm











Units of Area

square millimetre	mm^2
square centimetre	cm^2
square metre	m^2
square kilometre	km^2
square inch	in^2
square foot	ft^2
square mile	

$1\ m^2 = 10\ 000\ cm^2$
$1\ km^2 = 1\ 000\ 000\ m^2$
$1\ ft^2 = 144\ in^2$
$1 km^2 = 1\ 000\ 000\ 000\ 000\ mm^2$

