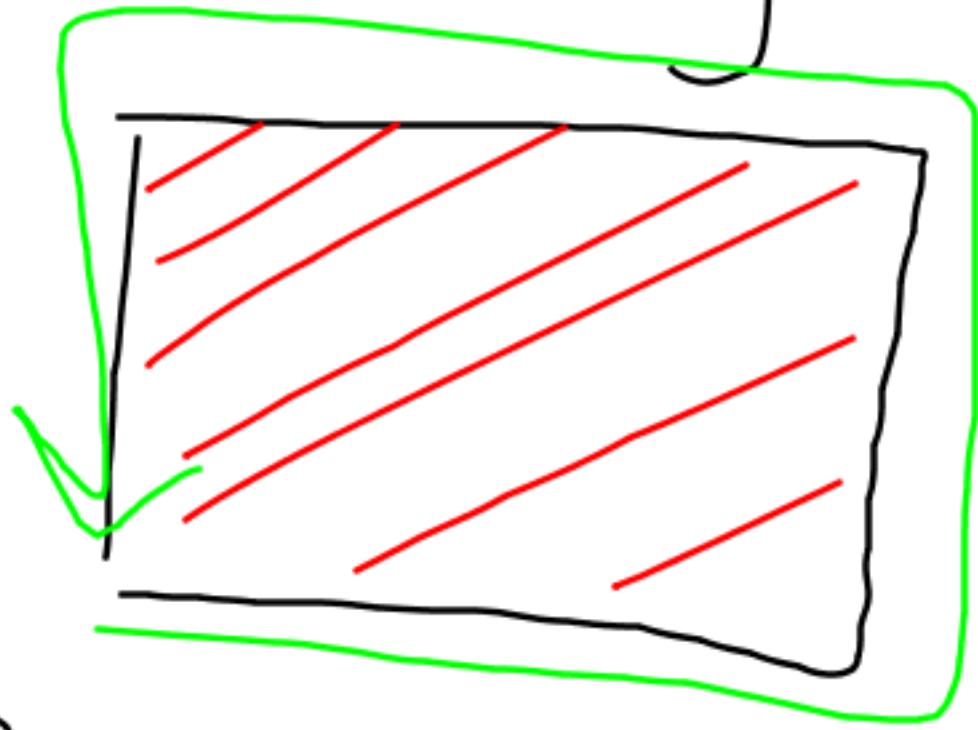


Measurement & Geometry

Area $\rightarrow$ The space that an object occupies



Perimeter $\rightarrow$ The distance around an object

Perimeter

Area

Rectangle



$$l + w + l + w$$

$$2(l + w)$$

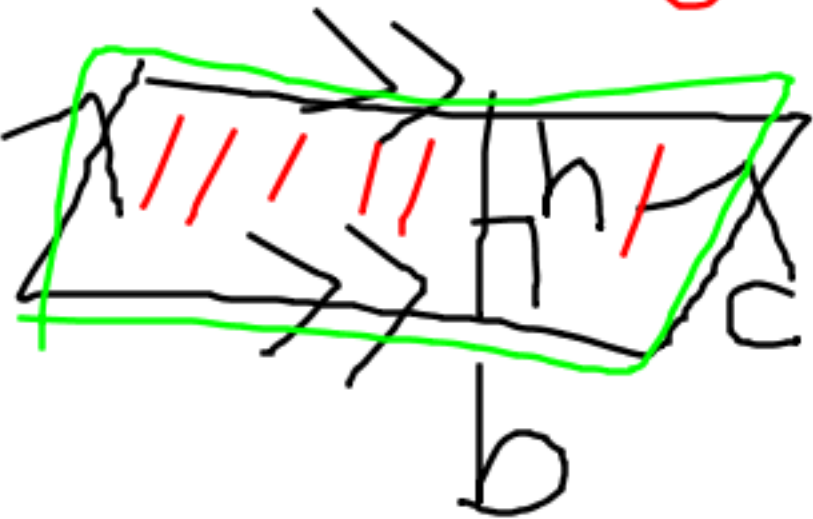
$$2l + 2w$$

$$lw$$

$$l \times w$$

$$l \cdot w$$

Parallelogram



$$2b + 2c$$

$$bh$$

$$b \cdot h$$

Triangle



Perimeter	Area
$a + b + c$	$\frac{bh}{2}$ $\frac{b \cdot h}{2}$

Trapezoid



$$a + b + c + d$$

$$\frac{(a + b)h}{2}$$

Examples



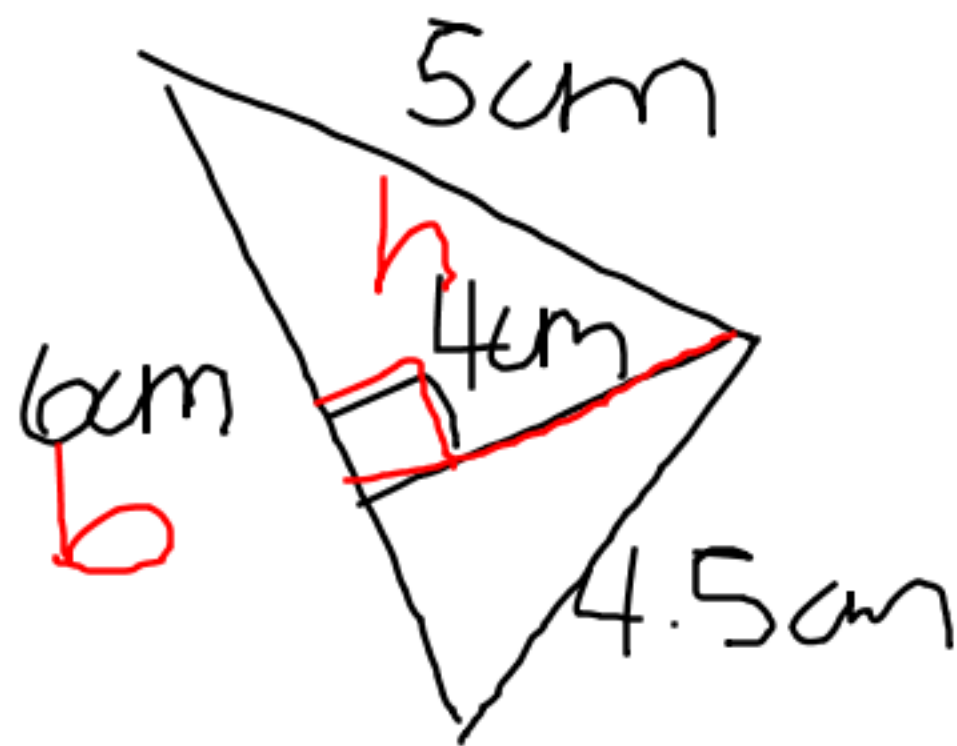
$$A = \frac{(a+b)h}{2}$$

$$A = \frac{(7+9)3}{2}$$

$$A = \frac{(16)3}{2}$$

$$A = \frac{48}{2}$$

$$A = 24\text{cm}^2$$



$$A = \frac{bh}{2}$$

$$A = \frac{(6)(4)}{2}$$

$$A = \frac{24}{2}$$

$$A = 12 \text{ cm}^2$$