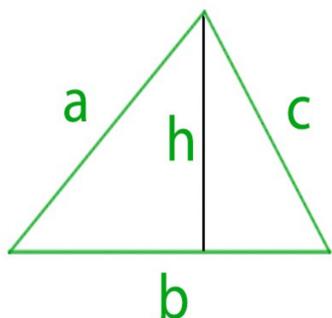




## Formulario di geometria piana

### TRIANGOLO



$$\text{perimetro} = a + b + c$$

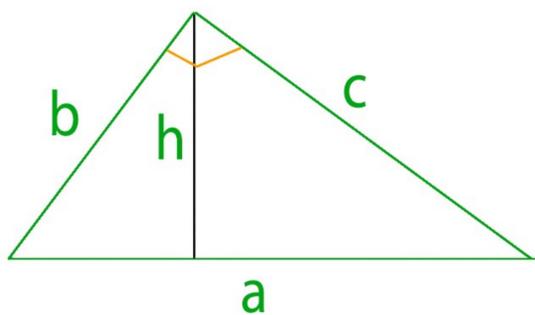
$$\text{area} = \frac{b \times h}{2}$$

$$b = \frac{\text{area} \times 2}{h}$$

$$h = \frac{\text{area} \times 2}{b}$$

$a$  = primo cateto  $c$  = secondo cateto  $b$  = base  $h$  = altezza

### TRIANGOLO RETTANGOLO



$$\text{perimetro} = a + b + c$$

$$\text{area} = \frac{a \times h}{2}$$

$$\text{oppure } \text{area} = \frac{b \times c}{2}$$

$$h = \frac{b \times c}{a}$$

teorema di Pitagora:

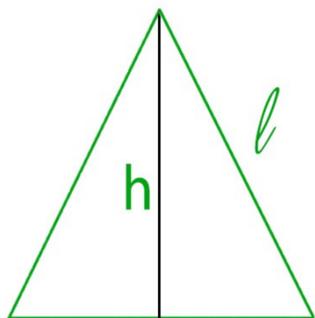
$$a = \sqrt{b^2 + c^2}$$

$$b = \sqrt{a^2 - c^2}$$

$$c = \sqrt{a^2 - b^2}$$

$a$  = ipotenusa  $c$  = secondo cateto  $b$  = base  $h$  = altezza

### TRIANGOLO EQUILATERO



$$\text{perimetro} = l \times l \times l \text{ oppure } l \times 3$$

$$l = \frac{p}{3}$$

$$\text{area} = \frac{l^2 \times \sqrt{3}}{4}$$

$$h = \frac{l \times \sqrt{3}}{2}$$

$$l = \frac{2 \times h}{\sqrt{3}}$$

$l$  = lato  $h$  = altezza  $l^2 = l \times l$

