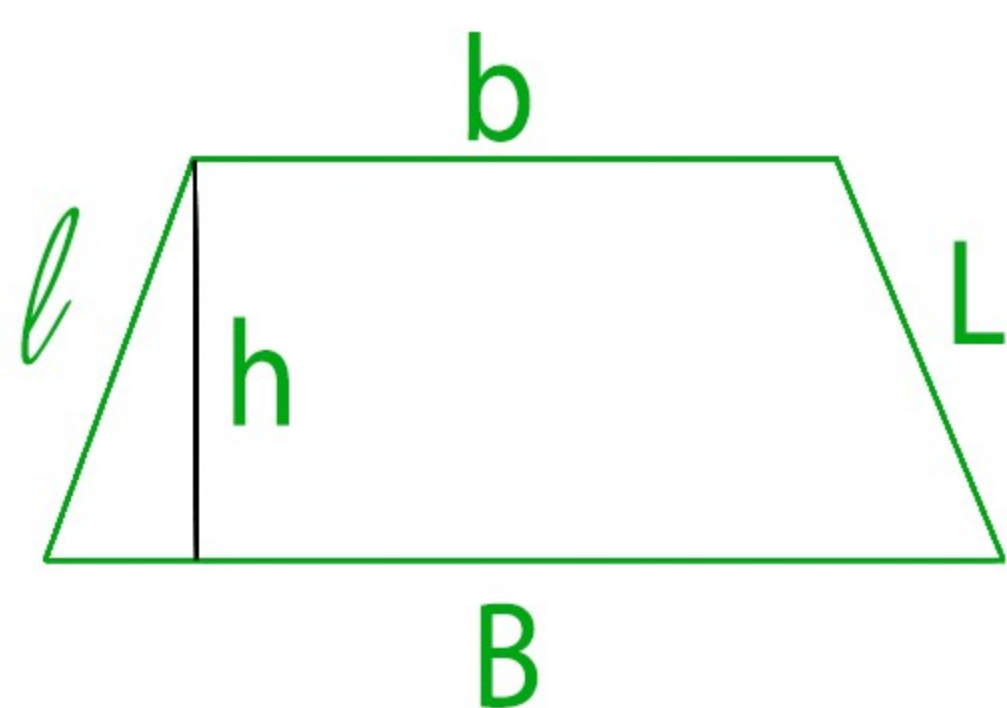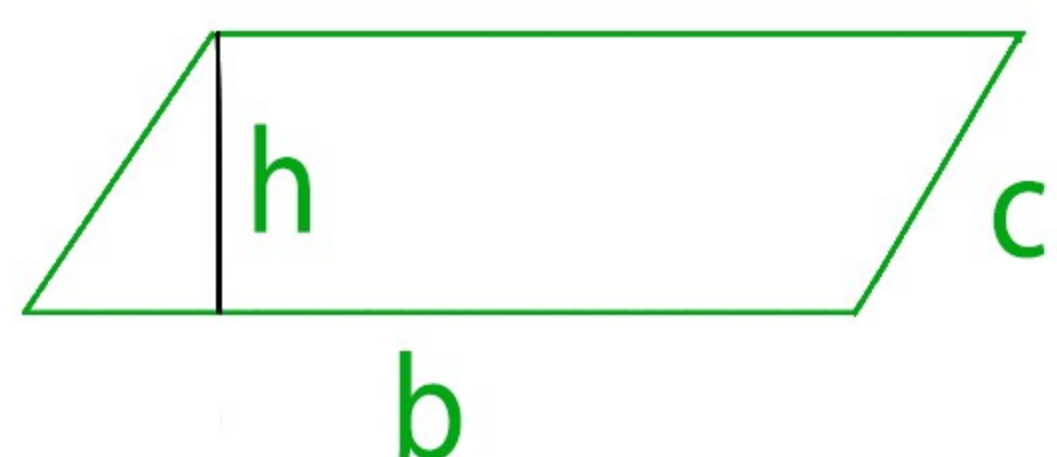# Formulario di geometria piana

TRAPEZIO

$$\text{perimetro} = B + b + L + \ell \qquad B + b = \frac{\text{area} \times 2}{h}$$

$$\text{area} = \frac{(B+b) \times h}{2} \qquad h = \frac{\text{area} \times 2}{B + b} \qquad b = \frac{\text{area} \times 2}{h} - B$$

h = altezza   B = base maggiore   b = base minore   B + b = somma basi
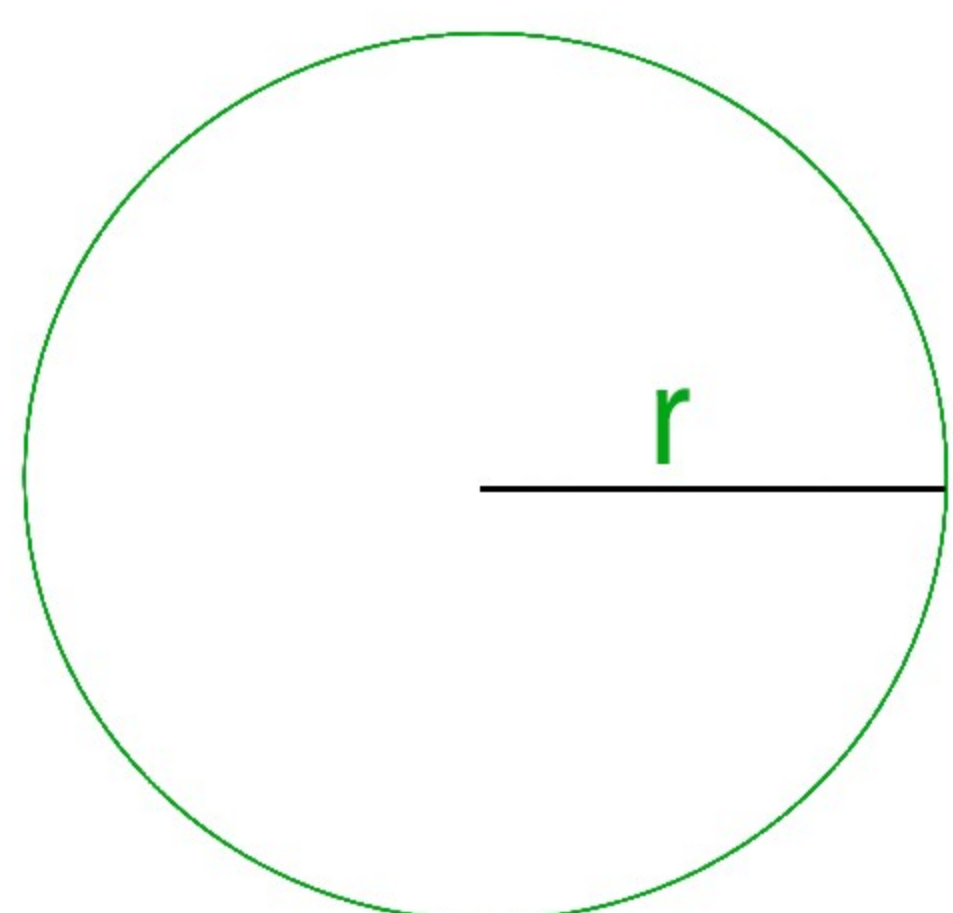
PARALLELOGRAMMA

$$\text{perimetro} = (b + c) \times 2 \qquad c = \frac{\text{perimetro}}{2} - b \qquad b = \frac{\text{perimetro}}{2} - c$$

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

h = altezza   b = base

CIRCONFERENZA E CERCHIO

$$\text{circonferenza} = 2 \times \pi \times \text{raggio} \qquad r = \frac{\text{circonferenza}}{2 \times \pi}$$

$$\text{area} = \pi \times r \times r \qquad r = \frac{\text{area}}{\pi}$$

r = raggio   π = 3,14