

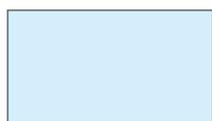
# Formule per calcolare l'area e il volume di alcune figure regolari

## Formule per calcolare l'area di alcune figure piane



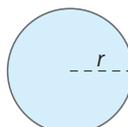
quadrato

$$A = l^2$$



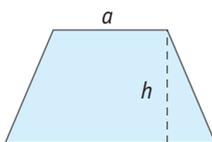
rettangolo

$$A = a \cdot b$$



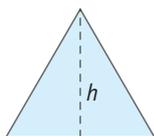
cerchio

$$A = \pi \cdot r^2$$



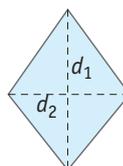
trapezio

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



triangolo

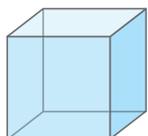
$$A = \frac{b \cdot h}{2}$$



rombo

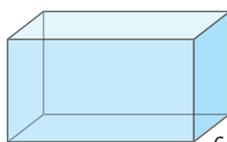
$$A = \frac{d_1 \cdot d_2}{2}$$

## Formule per calcolare il volume di alcuni solidi



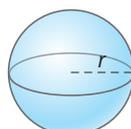
cubo

$$V = l \cdot l \cdot l = l^3$$



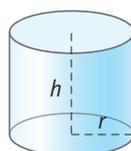
parallelepipedo

$$V = a \cdot b \cdot c$$



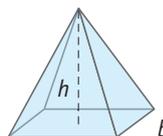
sfera

$$V = \frac{4}{3} \cdot \pi \cdot r^3$$



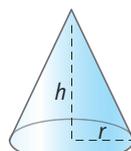
cilindro

$$V = \pi \cdot r^2 \cdot h$$



piramide retta

$$V = \frac{a \cdot b}{2} \cdot h$$



cono

$$V = \frac{\pi \cdot r^2 \cdot h}{3}$$