

3D Vorms: Formules

Omtrek



$$\text{Vierkant} = 4\ell$$



$$\text{Reghoek} = 2\ell + 2b$$

Oppervlak



$$\text{Vierkant} = \ell^2$$



$$\text{Reghoek} = \ell \times b$$



$$\text{Driehoek} = \frac{1}{2}(b \times \perp h)$$

Buite oppervlak



$$\text{Kubus} = 6 \times \ell^2$$



$$\text{Reghoekige prisma} = 2 \times [(\ell \times b) + (\ell \times h) + (b \times h)]$$

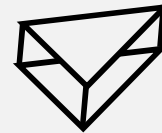
Volume



$$\text{Kubus} = \ell^3$$



$$\text{Reghoekige prisma} = \ell \times b \times h$$



$$\text{Driehoekige prisma} = \frac{1}{2}(b \times \perp h) \times h$$

SI eenhede omskakel

$$1 \text{ cm}^2 = 100 \text{ mm}^2$$

$$1 \text{ m}^2 = 10\,000 \text{ cm}^2$$

$$1 \text{ m}^2 = 1\,000\,000 \text{ mm}^2$$

$$1 \text{ km}^2 = 1\,000\,000 \text{ m}^2$$

