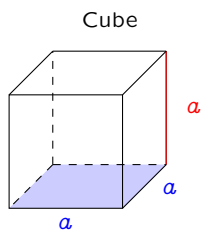
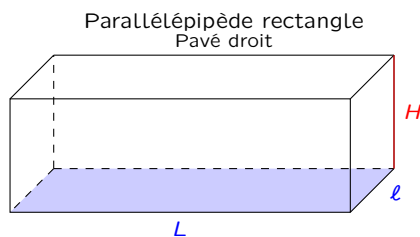


❶ Les solides « non pointus »  $V = A_{\text{base}} \times H$ 

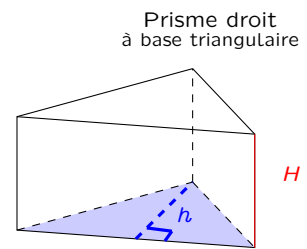
$$A_{\text{base}} = a^2$$

$$V = A_{\text{base}} \times H = a^2 \times a = a^3$$



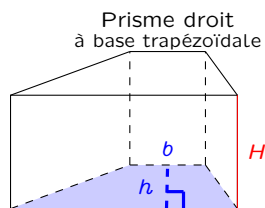
$$A_{\text{base}} = L \times l$$

$$V = A_{\text{base}} \times H = L \times l \times H$$



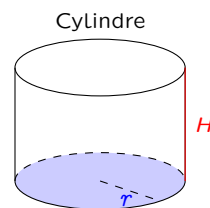
$$A_{\text{base}} = \frac{B \times h}{2}$$

$$V = A_{\text{base}} \times H = \frac{B \times h}{2} \times H$$



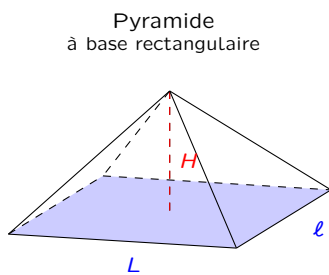
$$A_{\text{base}} = \frac{(B+b) \times h}{2}$$

$$V = A_{\text{base}} \times H = \frac{(B+b) \times h}{2} \times H$$



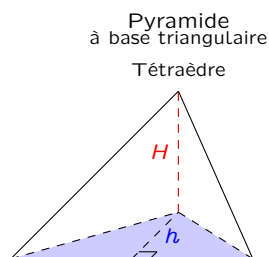
$$A_{\text{base}} = \pi r^2$$

$$V = A_{\text{base}} \times H = \pi r^2 H$$

❷ Les solides « pointus »  $V = \frac{1}{3} \times A_{\text{base}} \times H$ 

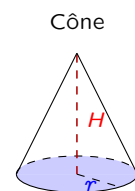
$$A_{\text{base}} = L \times l$$

$$V = \frac{1}{3} \times A_{\text{base}} \times H = \frac{1}{3} \times L \times l \times H$$



$$A_{\text{base}} = \frac{B \times h}{2}$$

$$V = \frac{1}{3} \times A_{\text{base}} \times H = \frac{1}{3} \times \frac{B \times h}{2} \times H$$



$$A_{\text{base}} = \pi r^2$$

$$V = \frac{1}{3} \times A_{\text{base}} \times H = \frac{1}{3} \times \pi \times r^2 \times H$$

❸ La sphère  $V = \frac{4}{3} \times \pi r^3$ 