

# Sólidos Semelhantes

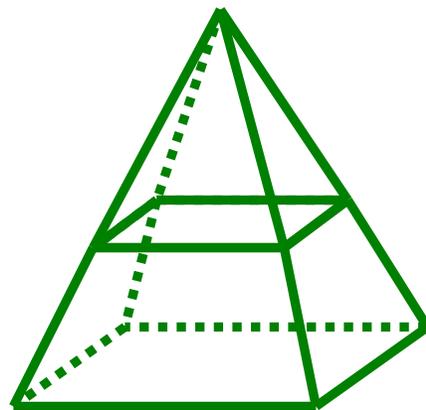
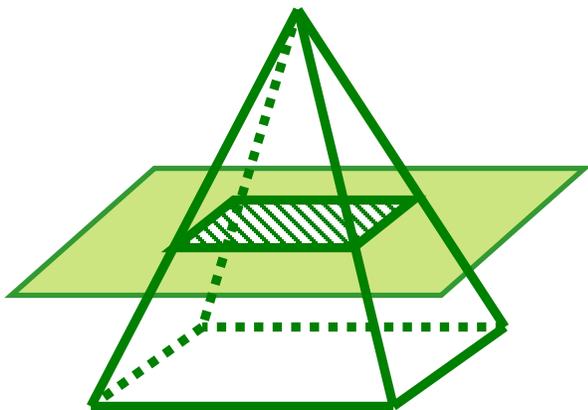
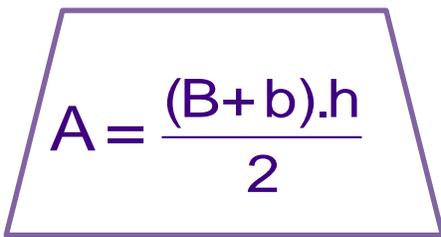
**Prof. Baia**  
Matemática

# Semelhança de Sólidos

## Troncos

### Secção Transversal

#### Área Lateral



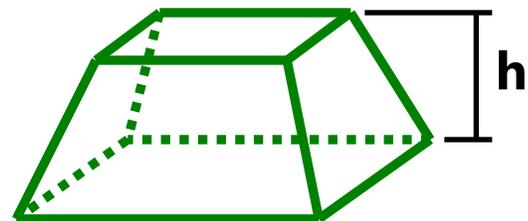
### VOLUME

$$V_{\text{troncopirâmide}} = \frac{h'}{3} \cdot (A_B + A_b + \sqrt{A_B \cdot A_b})$$

$$V_{\text{troncopirâmide}} = V_{\text{pirâmide maior}} - V_{\text{pirâmide menor}}$$

#### Área Total

$$A_T = A_b + A_B + A_l$$



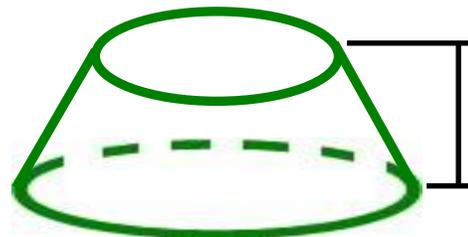
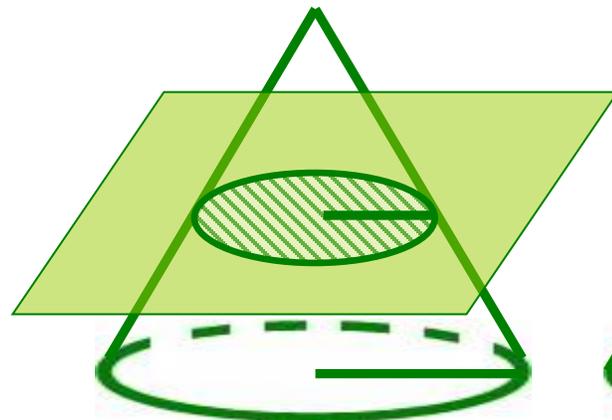
# Semelhança de Sólidos

## Troncos

Secção Transversal

Área Lateral

$$A = \frac{(B+b) \cdot h}{2}$$



VOLUME

$$V_{\text{troncopirâmide}} = \frac{h'}{3} \cdot (A_B + A_b + \sqrt{A_B \cdot A_b})$$

$$V_{\text{troncopirâmide}} = V_{\text{pirâmide maior}} - V_{\text{pirâmide menor}}$$

Área Total

$$A_T = A_b + A_B + A_l$$