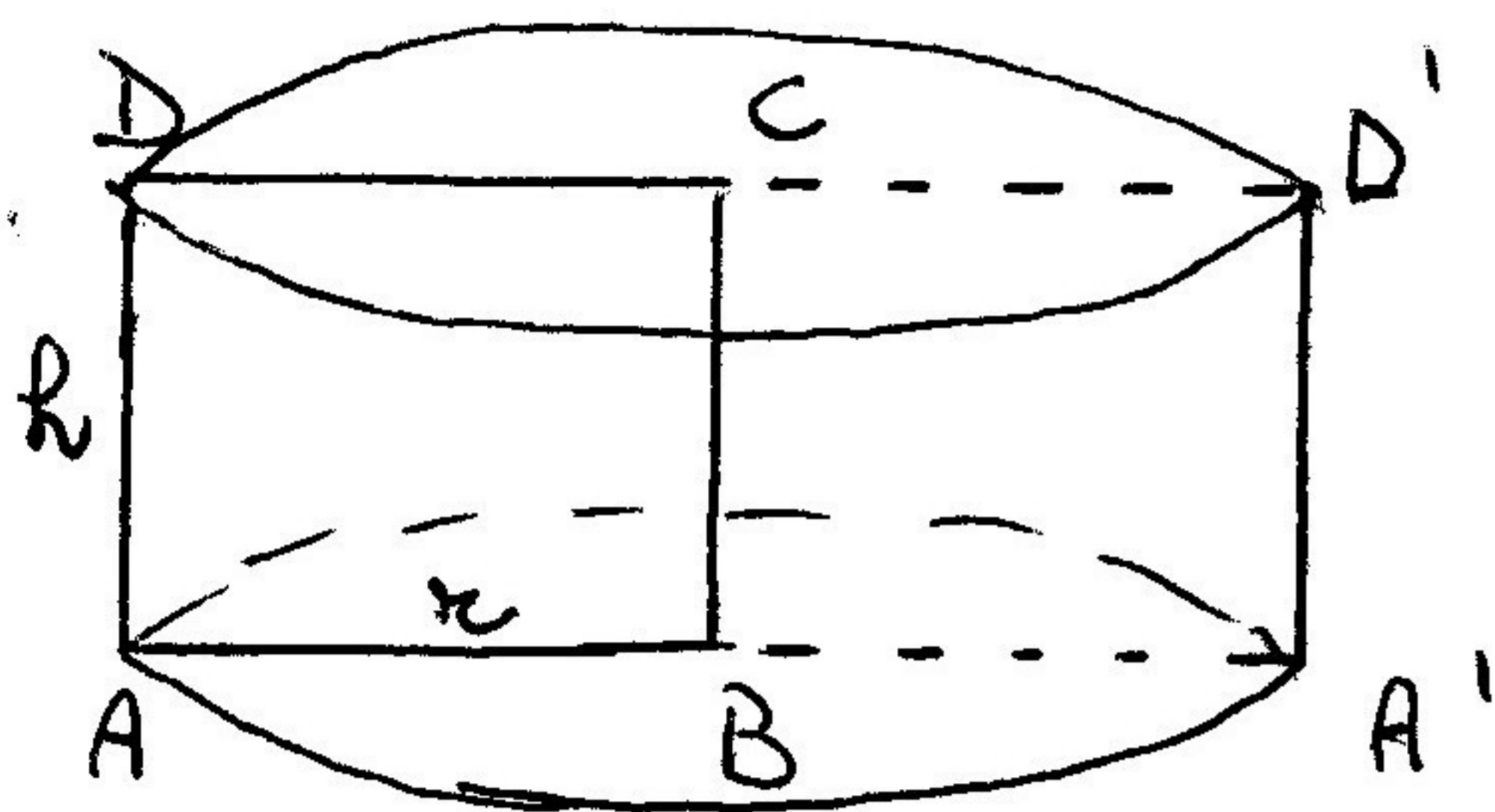


SOLIDI DI ROTAZIONE

CILINDRO



$$c = 2\pi r$$

$$A_e = c \cdot h$$

$$h = \frac{A_e}{c} \quad c = \frac{A_e}{h}$$

$$A_T = A_e + 2A_b$$

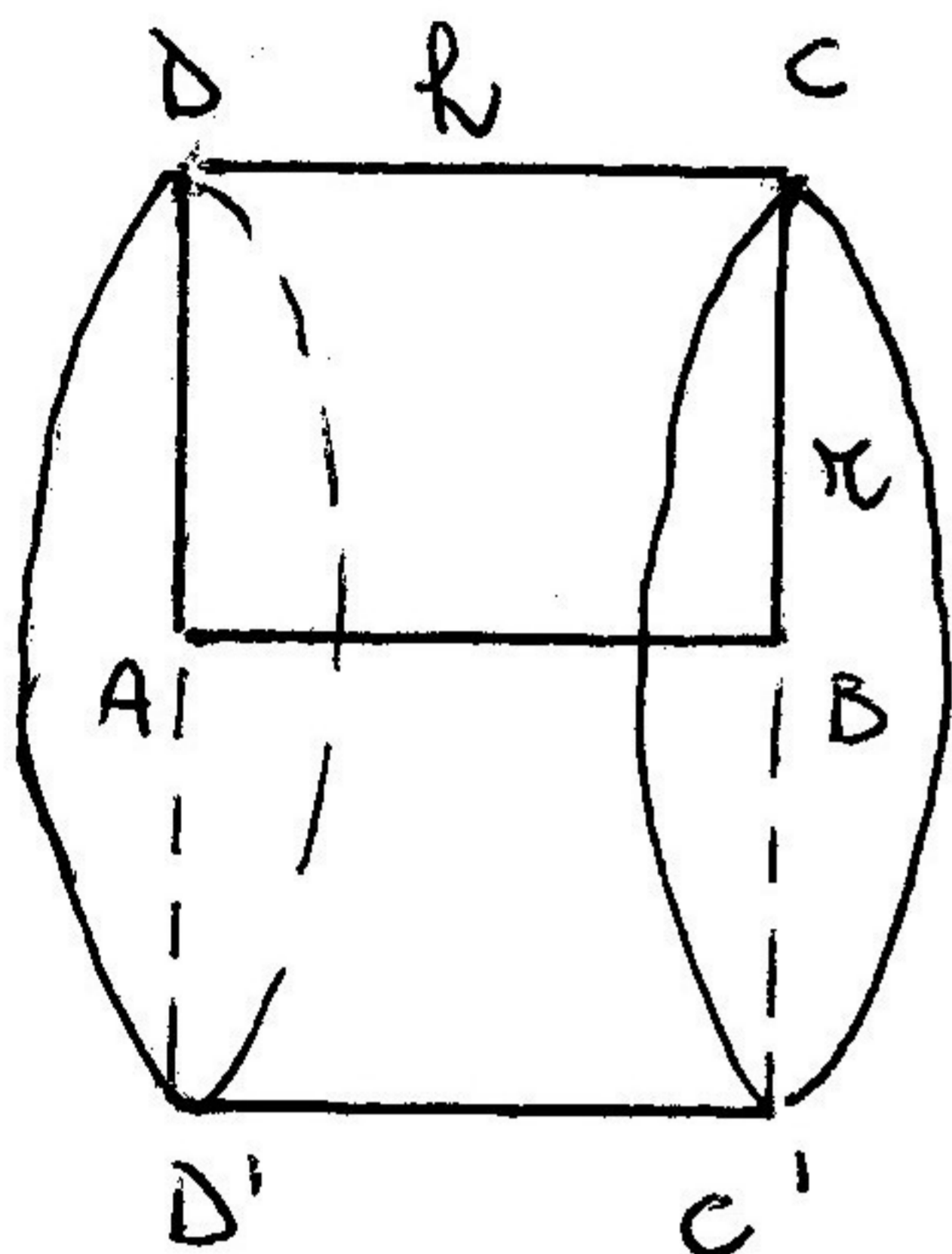
$$A_e = A_T - 2A_b$$

$$A_b = \frac{A_T - A_e}{2}$$

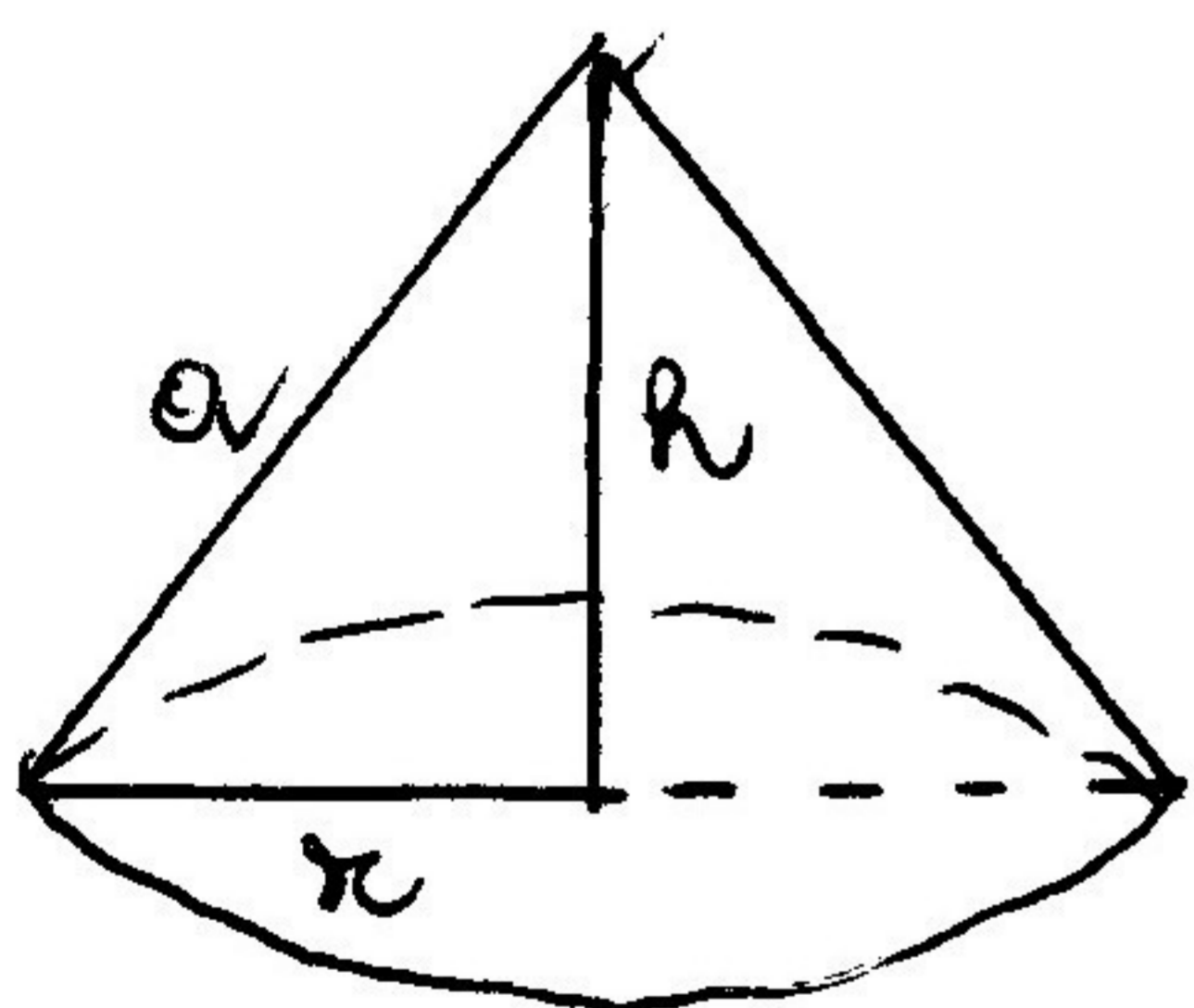
$$A_c = \pi r^2$$

$$V = A_c \cdot h$$

$$h = \frac{V}{A_c} \quad A_c = \frac{V}{h}$$



CONO



$$c = 2\pi r$$

$$A_e = \frac{c \cdot a}{2}$$

$$c = \frac{A_e \cdot 2}{a}$$

$$a = \frac{A_e \cdot 2}{c}$$

$$A_T = A_e + A_b$$

$$A_e = A_T - A_b$$

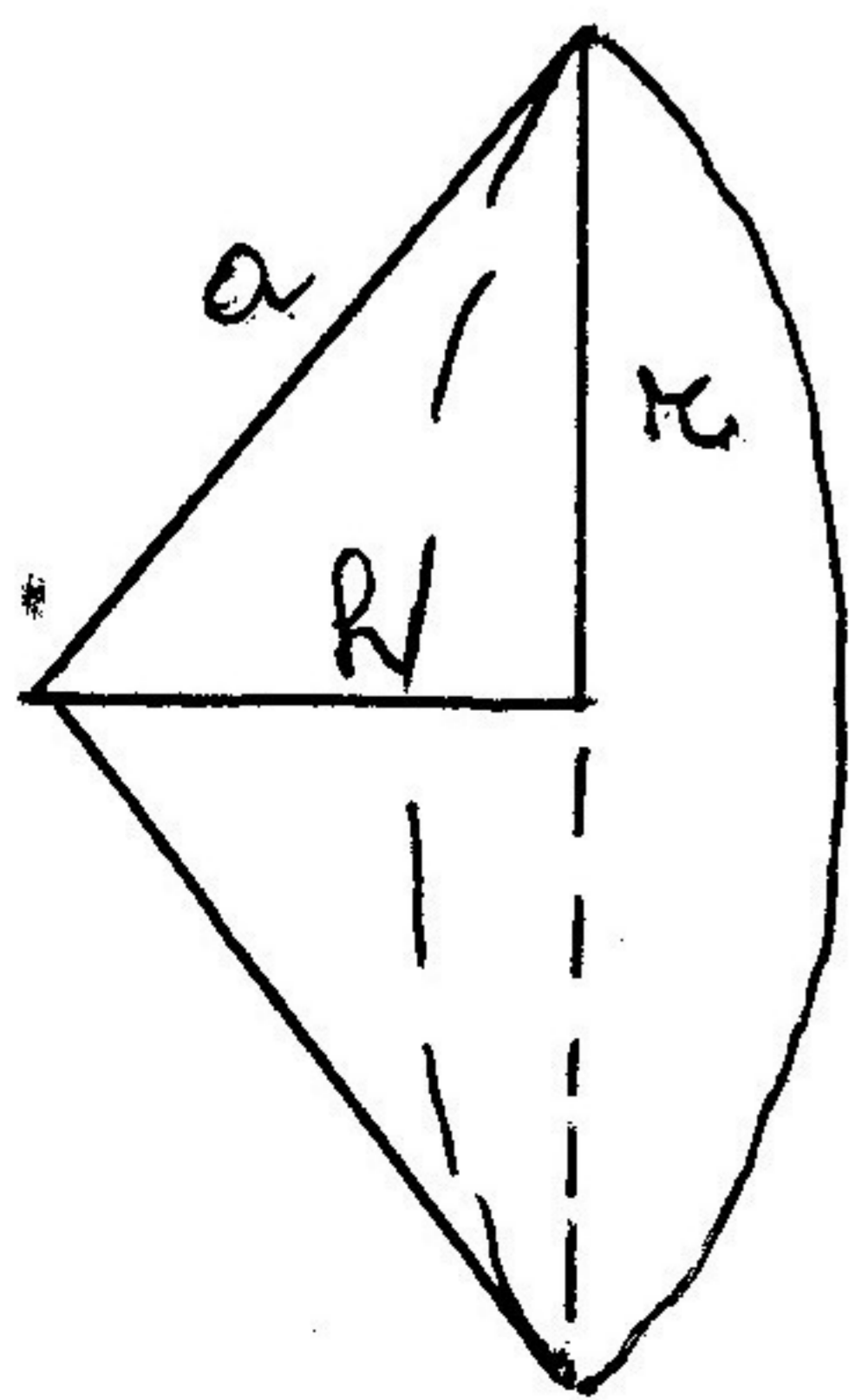
$$A_b = A_T - A_e$$

$$A_c = \pi r^2$$

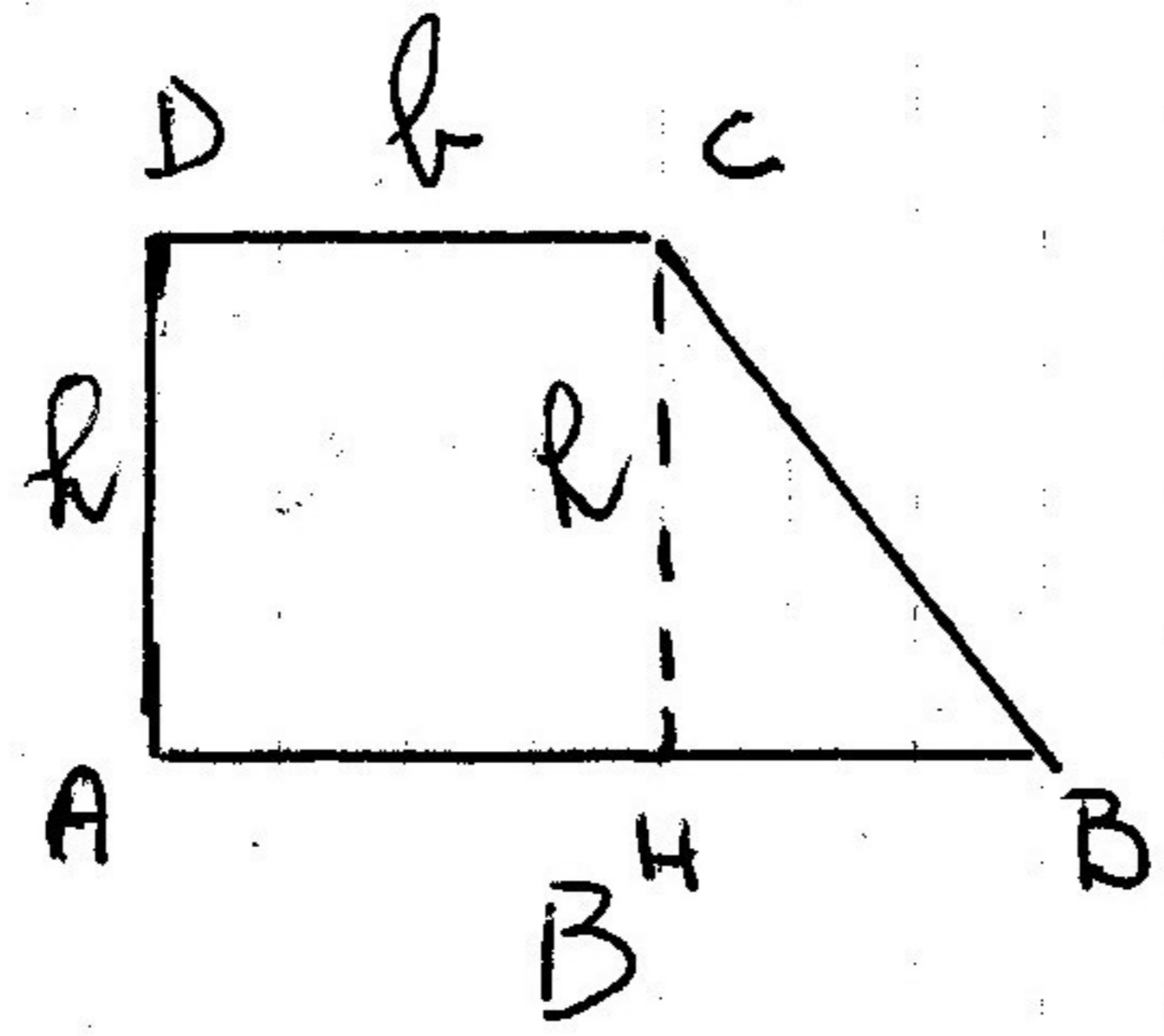
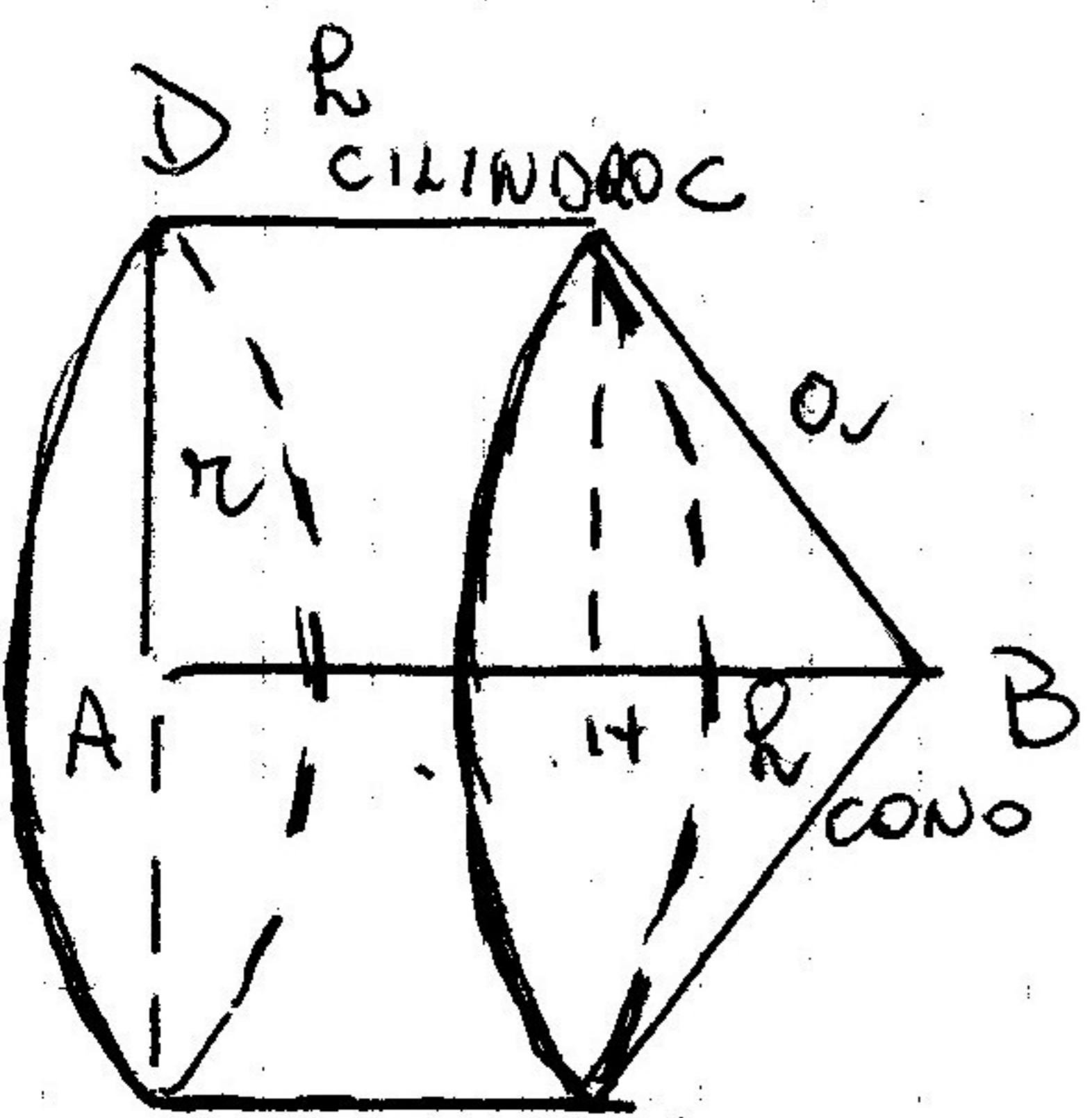
$$V = \frac{A_c \cdot h}{3}$$

$$h = \frac{V \cdot 3}{A_c}$$

$$A_c = \frac{V \cdot 3}{h}$$

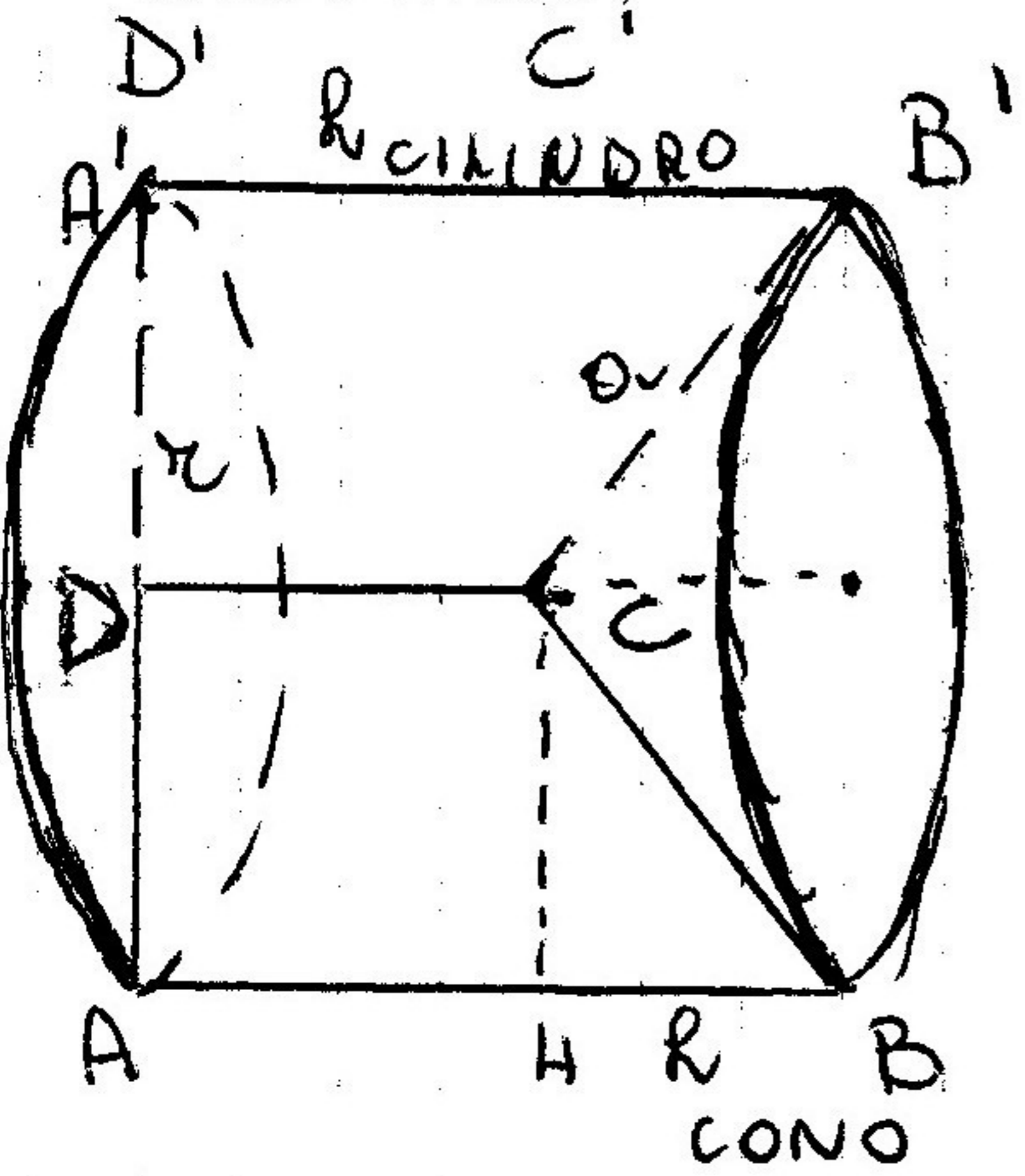


ALTRI SOLIDI DI ROTAZIONE



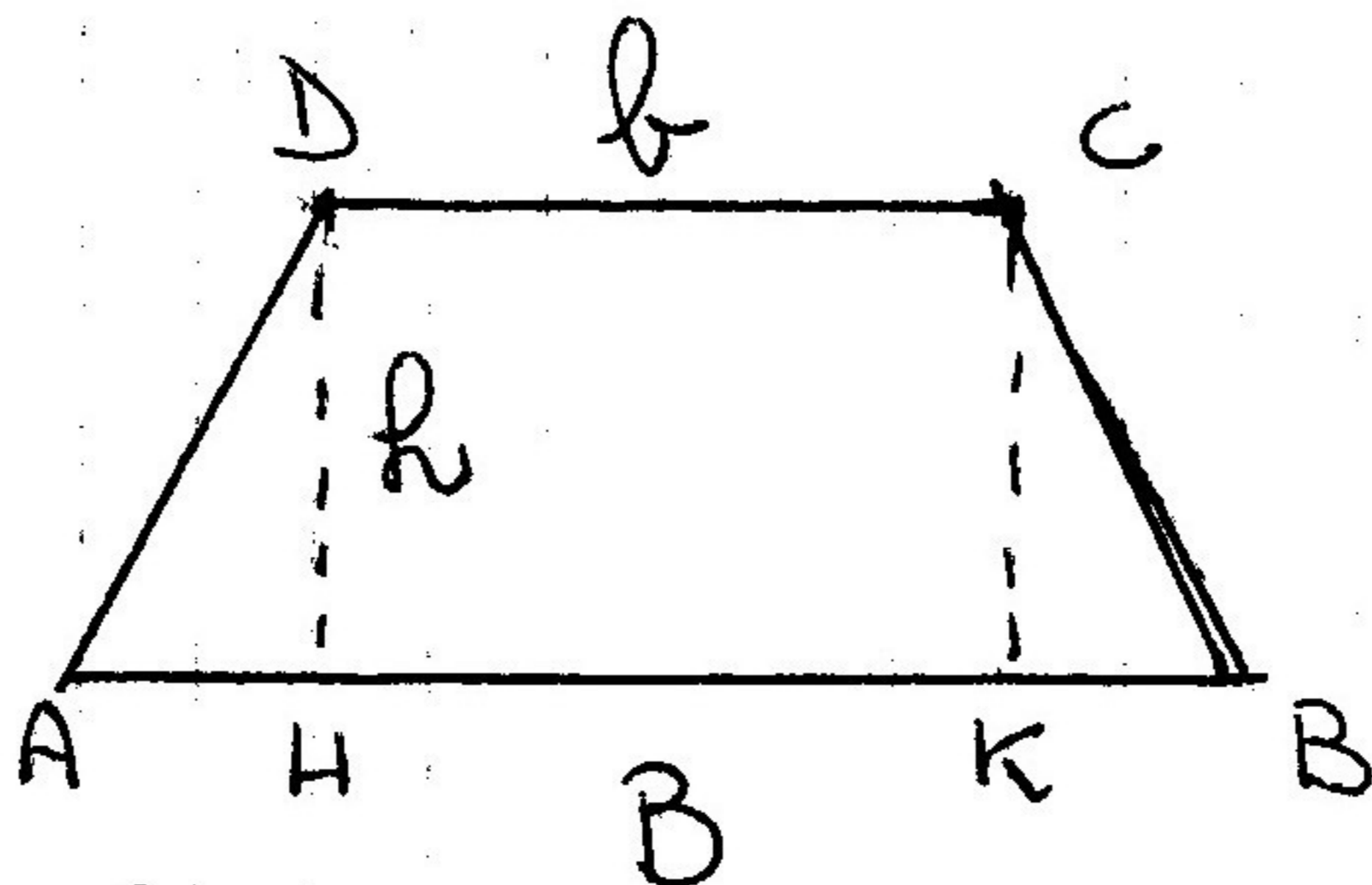
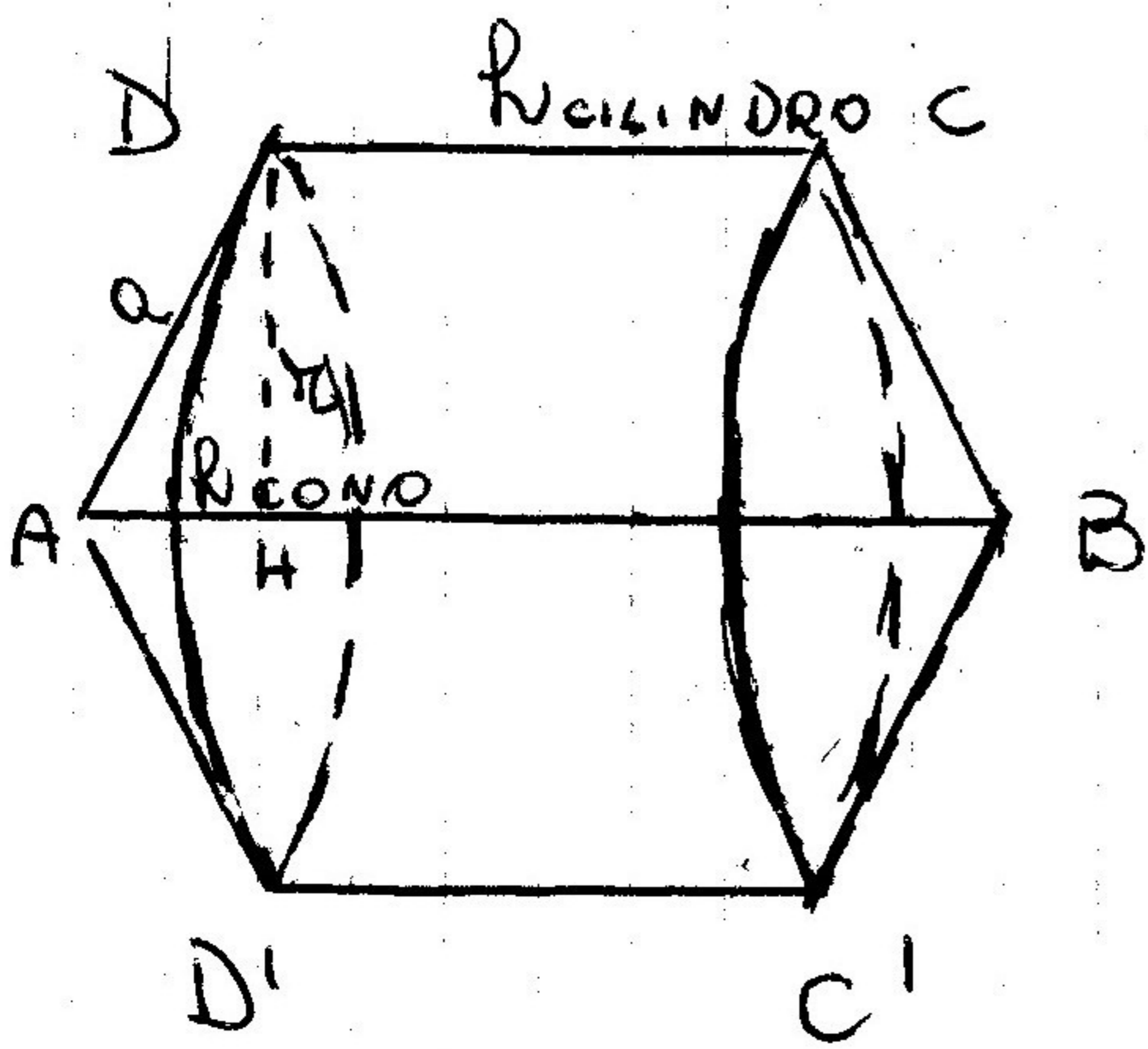
$$A_T = A_{BASE} + A_{e\ CILINDRO} + A_{e\ CONO}$$

$$V = V_{CILINDRO} + V_{CONO}$$



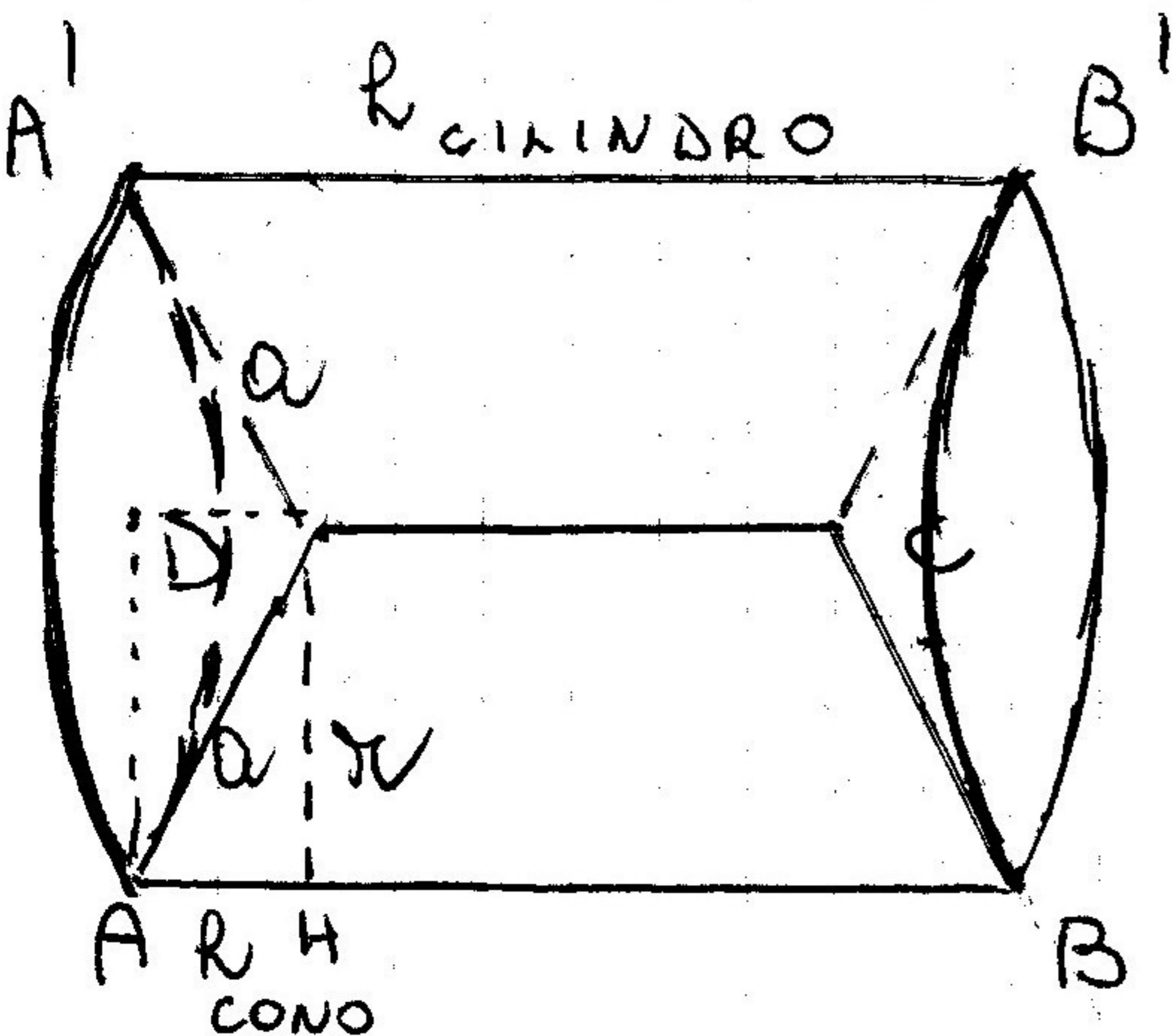
$$A_T = A_{BASE} + A_{e\ CILINDRO} + A_{e\ CONO}$$

$$V = V_{CILINDRO} - V_{CONO}$$



$$A_T = A_{e\ CILINDRO} + 2 \cdot A_{e\ CONO}$$

$$V = V_{CILINDRO} + 2 \cdot V_{CONO}$$



$$A_T = A_{e\ CILINDRO} + 2 \cdot A_{e\ CONO}$$

$$V = V_{CILINDRO} - 2 \cdot V_{CONO}$$