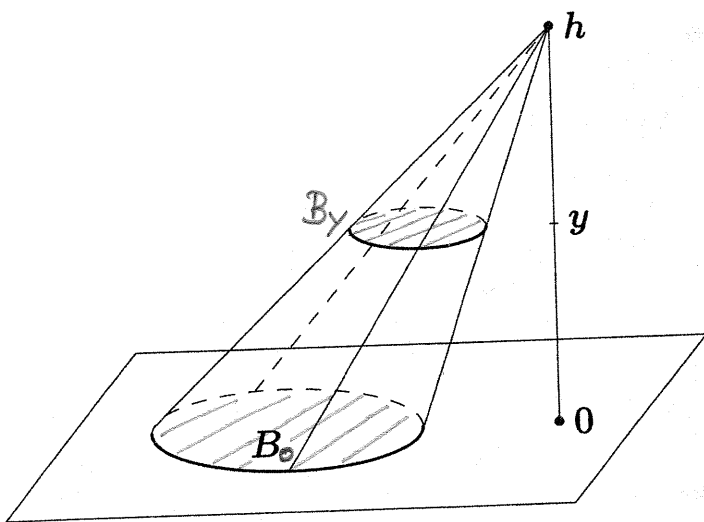
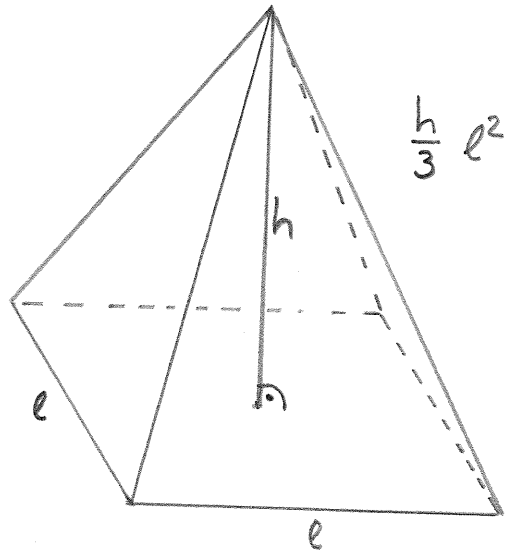
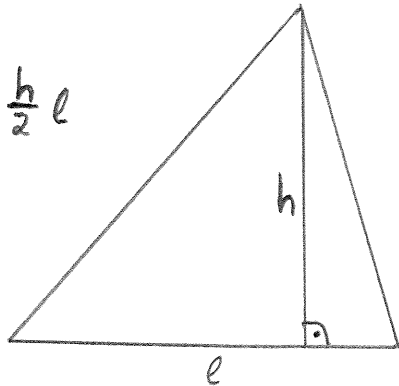


Volumen eines Kegels



$$B = \left\{ (x, y) \in \mathbb{R}^n : y \in [0, h], x \in \left(1 - \frac{y}{h}\right) B_0 \right\}$$

$$B_y = \left(1 - \frac{y}{h}\right) B_0$$

$$m(B_y) = \left(1 - \frac{y}{h}\right)^{n-1} m(B_0)$$

$$\Rightarrow m(B) = \frac{h}{n} m(B_0)$$