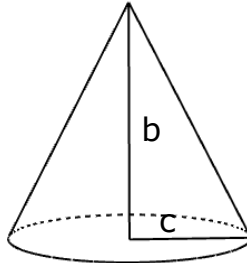


Volumen und Oberfläche

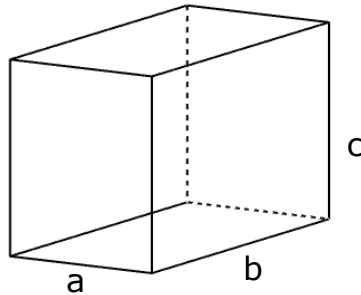
Ordne die vorgegebenen Formeln den entsprechenden Körpern zu. Es gehören mehrere Formeln zu einem Körper. Zwei Formeln bleiben übrig.

$$V = \pi bc^2$$



$$O = a \left(a + 2\sqrt{c^2 - \left(\frac{a}{2}\right)^2} \right)$$

$$V = abc$$

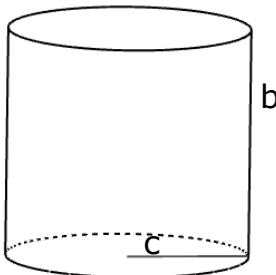


$$O = bc + ac + ab + a\sqrt{b^2 + c^2}$$

$$V = \frac{1}{3}\pi bc^2$$

$$O = \pi c \cdot (b + \sqrt{b^2 + c^2})$$

$$V = \frac{1}{3}abc$$

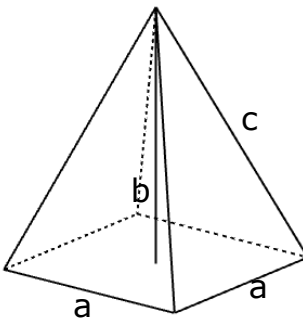


$$O = \frac{2a(c + b + \sqrt{b^2 + c^2}) + 2bc}{2}$$

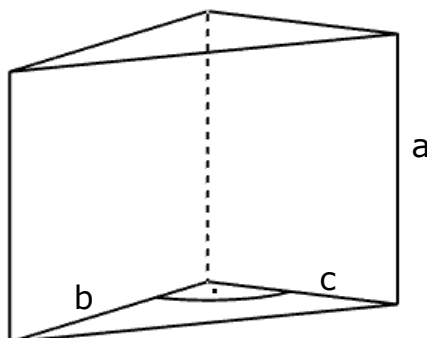
$$V = \frac{1}{2}abc$$

$$O = 2\pi c^2 + 2\pi bc$$

$$V = \frac{1}{3}a^2b$$



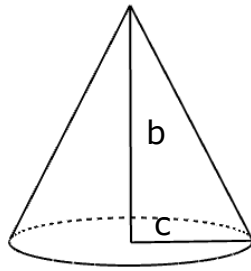
$$O = 2(ab + ac + bc)$$



$$O = \pi c \cdot (c + \sqrt{b^2 + c^2})$$

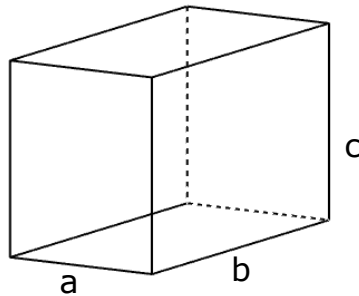
Volumen und Oberfläche – Lösung

$$V = \frac{1}{3} \pi b c^2$$



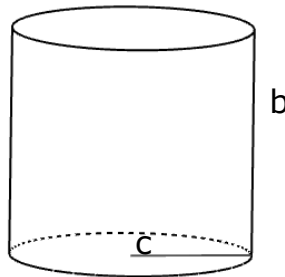
$$O = \pi c \cdot \left(c + \sqrt{b^2 + c^2} \right)$$

$$V = abc$$



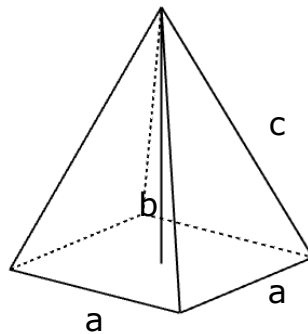
$$O = 2(ab + ac + bc)$$

$$V = \pi b c^2$$



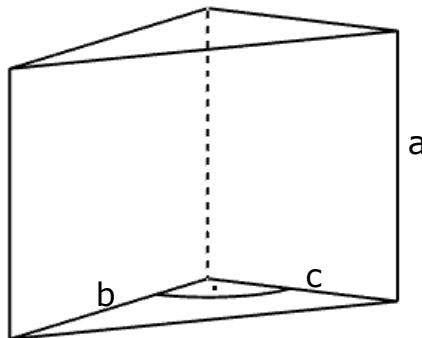
$$O = 2\pi c^2 + 2\pi b c$$

$$V = \frac{1}{3} a^2 b$$



$$O = a \left(a + 2\sqrt{c^2 - \left(\frac{a}{2}\right)^2} \right)$$

$$V = \frac{1}{2} abc$$



$$O = bc + ac + ab + a\sqrt{b^2 + c^2}$$

$$O = \frac{2a(c + b + \sqrt{b^2 + c^2}) + 2bc}{2}$$