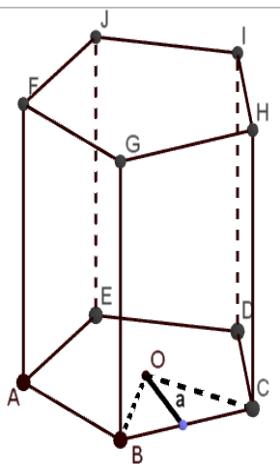


ПРИЗМА



B – лице на основа

P – периметър на основа

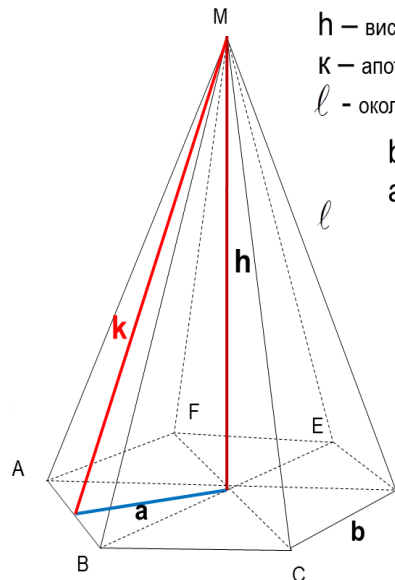
$$S = P \cdot h$$

$$S_1 = S + 2 \cdot B$$

$$V = B \cdot h$$

$$\Sigma = 2 \cdot n \cdot b + n \cdot h$$

ПИРАМИДА



h – височина на пирамидата

k – апотема на пирамидата

l – околен ръб

b – основен ръб

a – апотема на основата

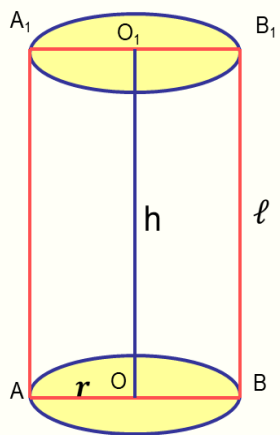
$$S = \frac{P \cdot k}{2}$$

$$S_1 = S + B$$

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

$$\Sigma = n \cdot b + n \cdot l$$

ЦИЛИНДЪР



$$B = \pi \cdot r^2$$

$$C = 2\pi r$$

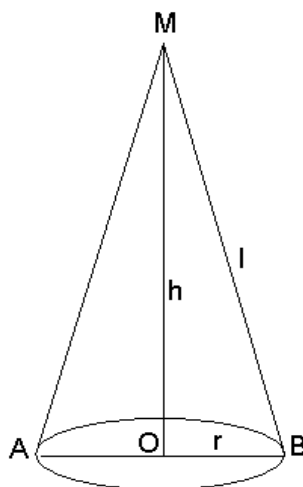
$$S = 2\pi r \cdot h$$

$$S_1 = S + 2 \cdot B$$

$$V = B \cdot h$$

$$V = \pi r^2 \cdot h$$

КОНУС



$$B = \pi \cdot r^2$$

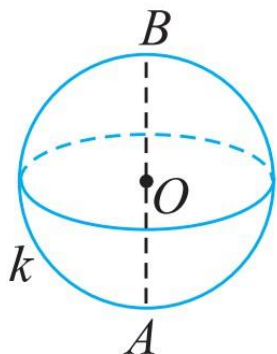
$$C = 2\pi r$$

$$S = \pi r l$$

$$S_1 = S + B$$

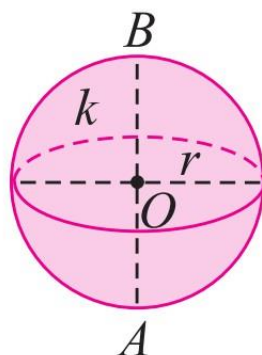
$$V = \frac{B \cdot h}{3}$$

$$V = \frac{\pi r^2 \cdot h}{3}$$



$$S = 4 \cdot \pi \cdot r^2$$

Сфера



$$V = \frac{4}{3} \cdot \pi \cdot r^3$$

КЪЛБО