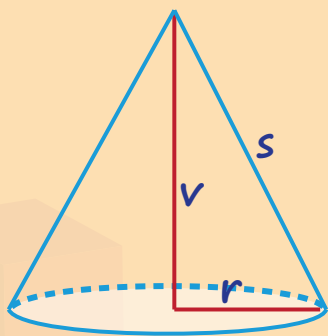


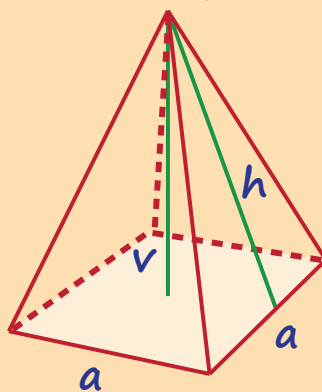
Kužel



$$S = \pi r^2 + \pi r s = \pi r(r + s)$$

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

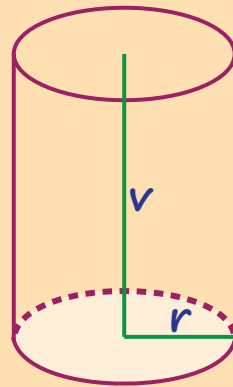
Pravidelný čtyřboký jehlan



$$S = a^2 + 2ah$$

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

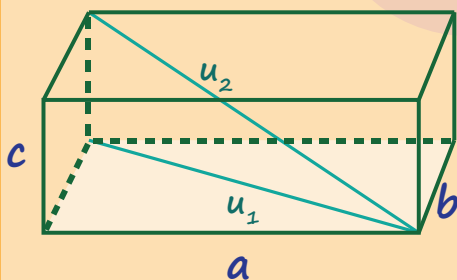
Válec



$$S = 2\pi r^2 + 2\pi r v = 2\pi r(r + v)$$

$$V = \pi r^2 v$$

Kvádr



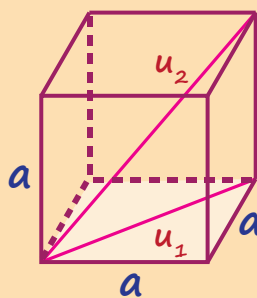
$$S = 2(bc + ab + ac)$$

$$V = abc$$

$$u_1 = \sqrt{a^2 + b^2}$$

$$u_2 = \sqrt{a^2 + b^2 + c^2}$$

Krychle



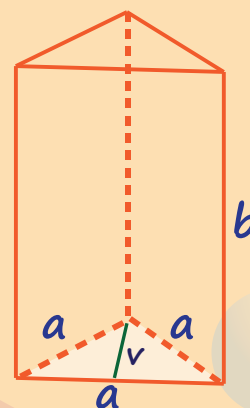
$$S = 6a^2$$

$$V = a^3$$

$$u_1 = \sqrt{2} a$$

$$u_2 = \sqrt{3} a$$

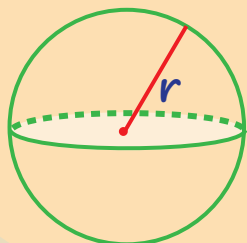
Pravidelný trojboký hranol



$$S = av + 3ab$$

$$V = \frac{1}{2} (av) b$$

Koule



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

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

S - Povrch

V - Objem

POVRCHY A OBJEMY TĚLES

