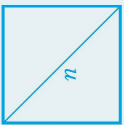
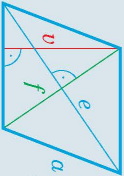
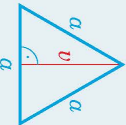
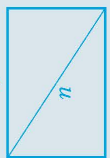
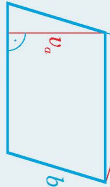
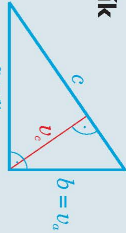
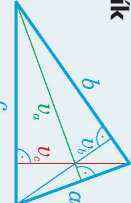
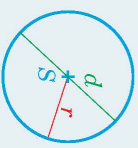
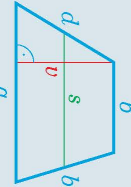
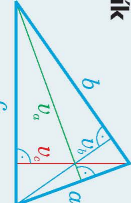
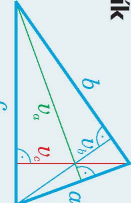


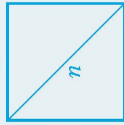
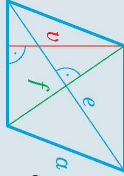
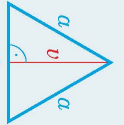
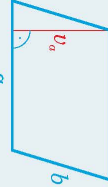
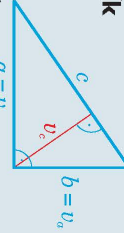
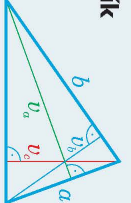
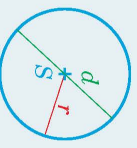
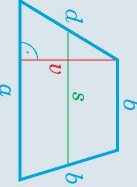
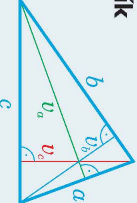
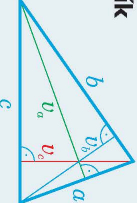
Nový Početník z matematiky

Orbis Pictus Istropolitana

Obvod a obsah rovinných útvarov 	Štvorec $o = 4 \cdot a$ $S = a^2 = \frac{u^2}{2}$ 	Kosoštvorec $o = 4 \cdot a$ $S = a \cdot v = \frac{e \cdot f}{2}$ 	Rovnostranný trojuholník $o = 3 \cdot a$ $S = a^2 \cdot \frac{\sqrt{3}}{4}$ 
Obdĺžnik $o = 2(a + b)$ $S = a \cdot b$ 	Kosoštvorec $o = 2(a + b)$ $S = a \cdot v_a = b \cdot v_b$ 	Pravouhlý trojuholník $o = a + b + c$ $S = \frac{a \cdot b}{2} = \frac{c \cdot v_c}{2}$ 	Všeobecný trojuholník $o = a + b + c$ $S = \frac{a \cdot b}{2} = \frac{c \cdot v_c}{2}$ 
Kruh $o = 2\pi r = \pi d$ $S = \pi r^2 = \frac{\pi d^2}{4}$ 	Lichobežník $o = a + b + c + d$ $S = v \cdot \frac{a + c}{2}$ 	Všeobecný trojuholník $o = a + b + c$ $S = \frac{a \cdot b}{2} = \frac{b \cdot v_b}{2} = \frac{c \cdot v_c}{2}$ 	Všeobecný trojuholník $o = a + b + c$ $S = \frac{a \cdot b}{2} = \frac{b \cdot v_b}{2} = \frac{c \cdot v_c}{2}$ 

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Nový Počítak z matematiky

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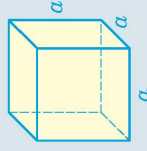
Objem a povrch telies



Kocka

$$V = a^3$$

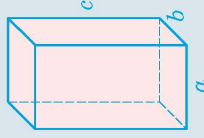
$$S = 6 \cdot a^2$$



Kváder

$$V = a \cdot b \cdot c$$

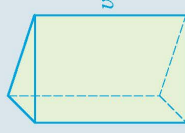
$$S = 2 \cdot S_p + S_{pl} = 2(ab + bc + ac)$$



Hranol

$$V = S_p \cdot v$$

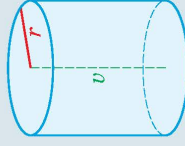
$$S = 2 \cdot S_p + S_{pl}$$



Valec

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

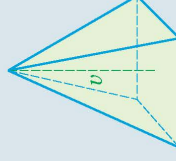
$$S = S_{pl} + 2S_p = 2\pi r v + 2\pi r^2 = 2\pi r(v + r)$$



Ihlan

$$V = \frac{1}{3} S_p \cdot v$$

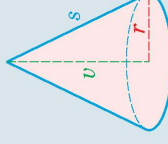
$$S = S_{pl} + S_p$$



Kužel'

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

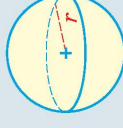
$$S = S_{pl} + S_p = \pi r s + \pi r^2 = \pi r(s + r)$$



Gula

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

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



Nový Počítak z matematiky

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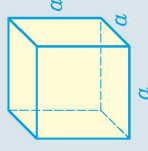
Objem a povrch telies



Kocka

$$V = a^3$$

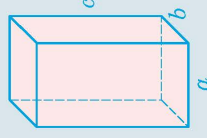
$$S = 6 \cdot a^2$$



Kváder

$$V = a \cdot b \cdot c$$

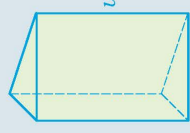
$$S = 2 \cdot S_p + S_{pl} = 2(ab + bc + ac)$$



Hranol

$$V = S_p \cdot v$$

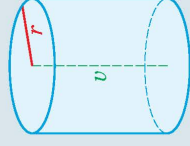
$$S = 2 \cdot S_p + S_{pl}$$



Valec

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

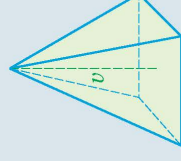
$$S = S_{pl} + 2S_p = 2\pi r v + 2\pi r^2 = 2\pi r(v + r)$$



Ihlan

$$V = \frac{1}{3} S_p \cdot v$$

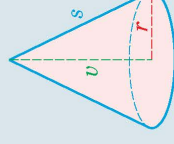
$$S = S_{pl} + S_p$$



Kužel'

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

$$S = S_{pl} + S_p = \pi r s + \pi r^2 = \pi r(s + r)$$



Gula

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

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

