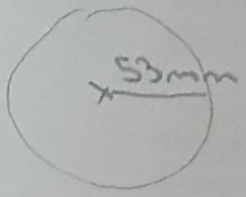
29/8 učebnice



$S = ?$ ... čtverečních cm

$V = ?$ ... decilitry cm^3

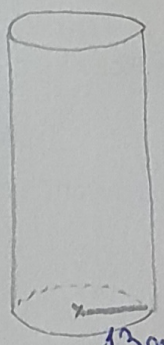
53 mm = 5,3 cm

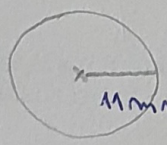
$S = 4\pi r^2$ $\qquad$ $V = \frac{4}{3}\pi r^3$

$S = 4\pi \cdot 5{,}3^2$ $\qquad$ $V = \frac{4}{3}\pi \cdot 5{,}3^3$

$S \doteq 353\ cm^2$ $\qquad$ $V \doteq 620\ cm^3$

84/10 sbírka





11 mm = 1,1 cm

$V_0 = \frac{4}{3}\pi r^3$

$V_0 = \frac{4}{3}\pi \cdot 1{,}1^3$

$V_0 \doteq 5{,}58\ cm^3 = 0{,}005\,580\ dm^3$

$V = \pi r^2 v$

$5{,}58 = \pi r^2 v \mid : \pi r^2$

$\frac{5{,}58}{\pi \cdot 1{,}3^2} = v$

$v \doteq 1{,}05\ cm \doteq 10{,}5\ mm$