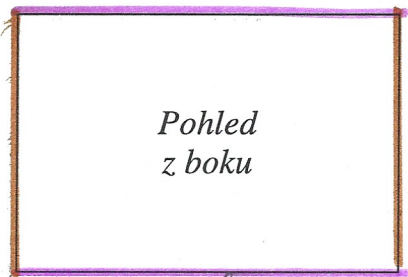
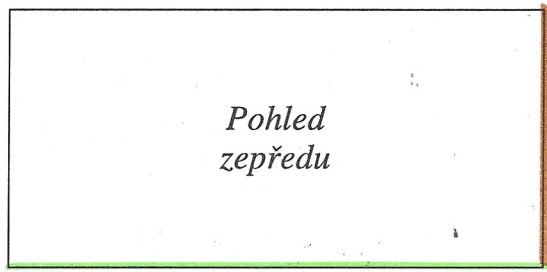


1. a) Vypočítej objem kvádru na obrázku. Potřebné rozměry změř.



Pohled z boku



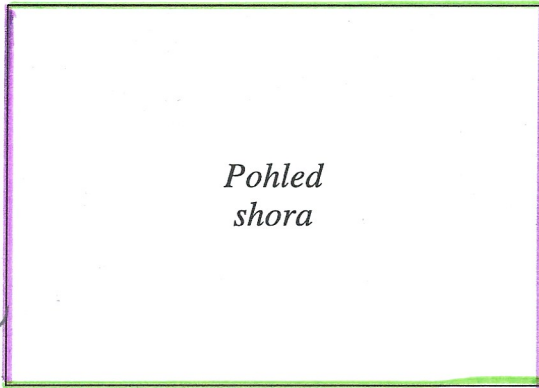
Pohled zepředu

$c = 34 \text{ mm}$

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

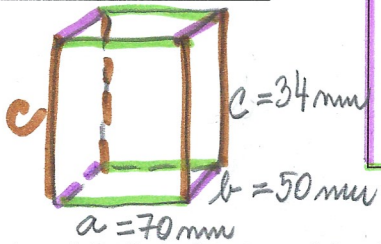
$$V = 70 \cdot 50 \cdot 34$$

$V = \quad \text{mm}^3$



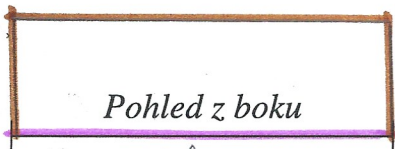
Pohled shora

$b = 5 \text{ cm}$   
 $= 50 \text{ mm}$

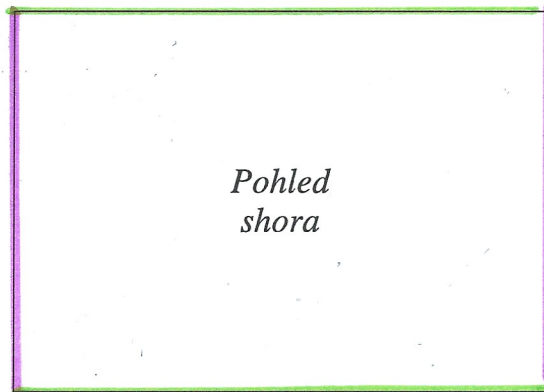


$a = 7 \text{ cm} = 70 \text{ mm}$

b) Kvádr má mít poloviční objem než kvádr v úloze a). Dopln pohled z boku a zepředu na takovéto těleso.



Pohled z boku



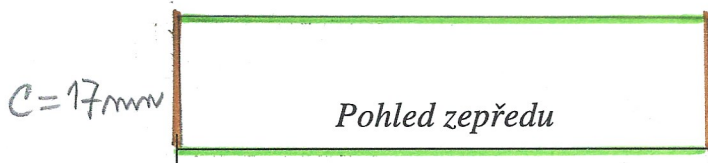
Pohled shora

$b = 50 \text{ mm}$

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

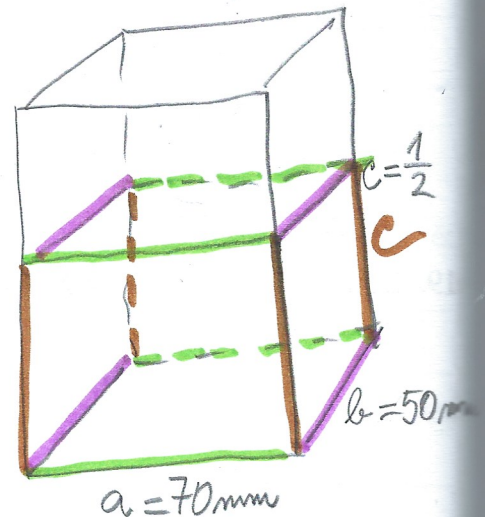
$$V = 70 \cdot 50 \cdot 17$$

$a = 70 \text{ mm}$



Pohled zepředu

$c = 17 \text{ mm}$



$a = 70 \text{ mm}$

$$c = 34 : 2 = 17 \text{ mm}$$