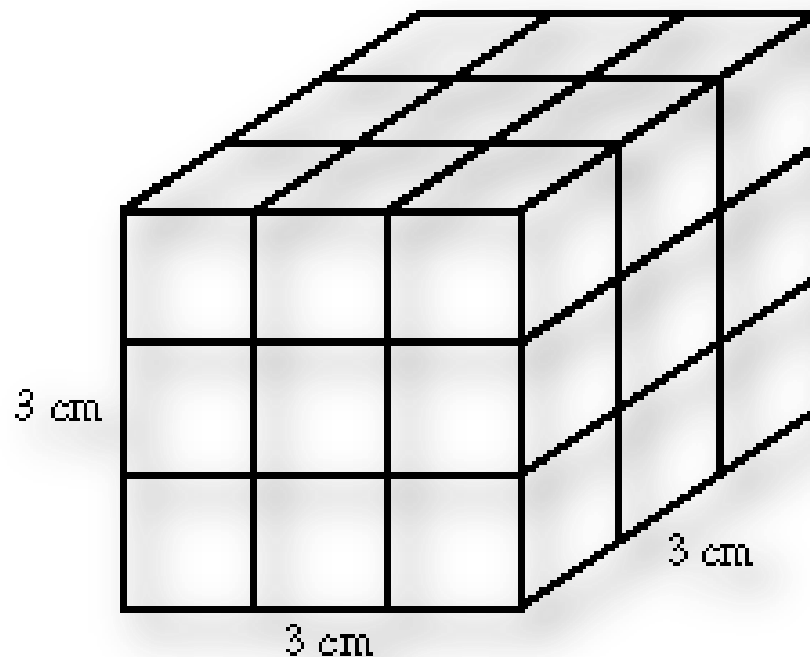


# Mjerenje obujma kocke

# Obujam kocke duljine brida 3 cm

Obujam kocke mjerimo tako da tražimo broj koji nam pokazuje koliko se  $\text{cm}^3$  nalazi u prostoru kojeg zauzima **kocka**.



1. red  $3 \cdot 3 \text{ cm}^3$

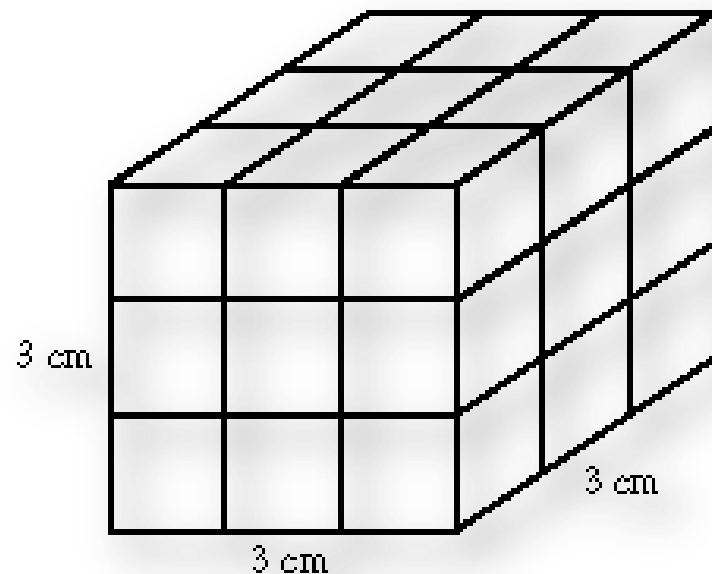
2. red  $3 \cdot 3 \text{ cm}^3$

3. red  $3 \cdot 3 \text{ cm}^3$

Ukupno je to:

$$3 \cdot 3 \cdot 3 = 27 \text{ cm}^3$$

Obujam kocke je  **$27 \text{ cm}^3$** .



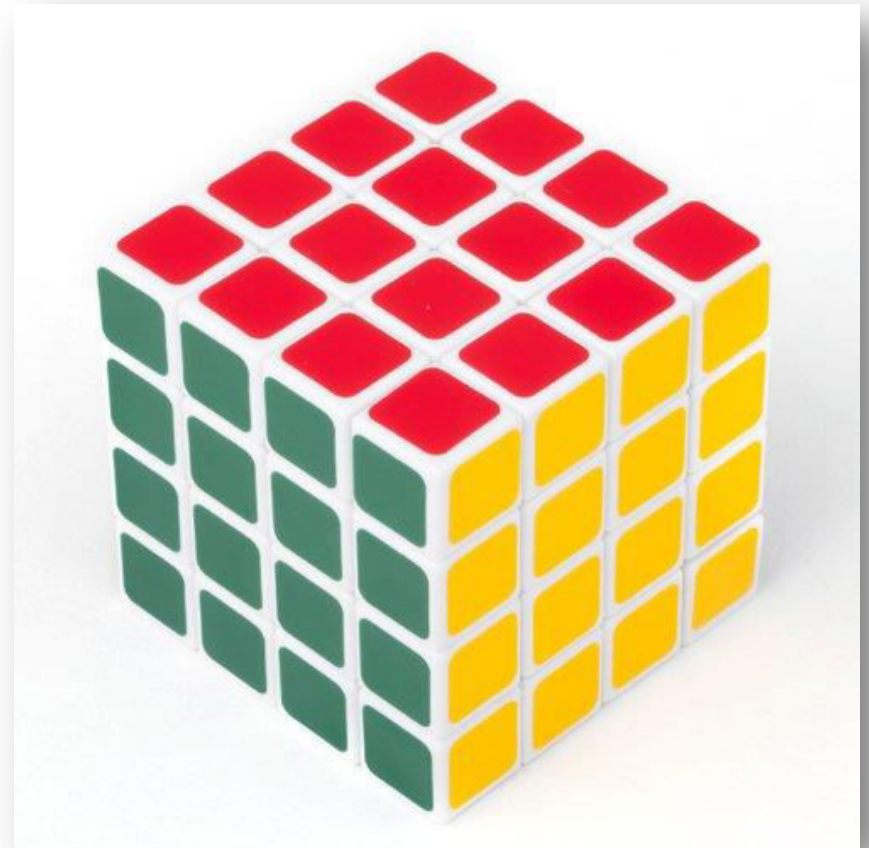
27 cm<sup>3</sup>

MJERNI BROJ

OZNAKA VELIČINE  
JEDINIČNOG OBUJMA

# Kraći način izračunavanja obujma kocke

Tako da izmjerimo tri  
brida i pomnožimo  
njihove mjerne brojeve.



# Računamo ovako

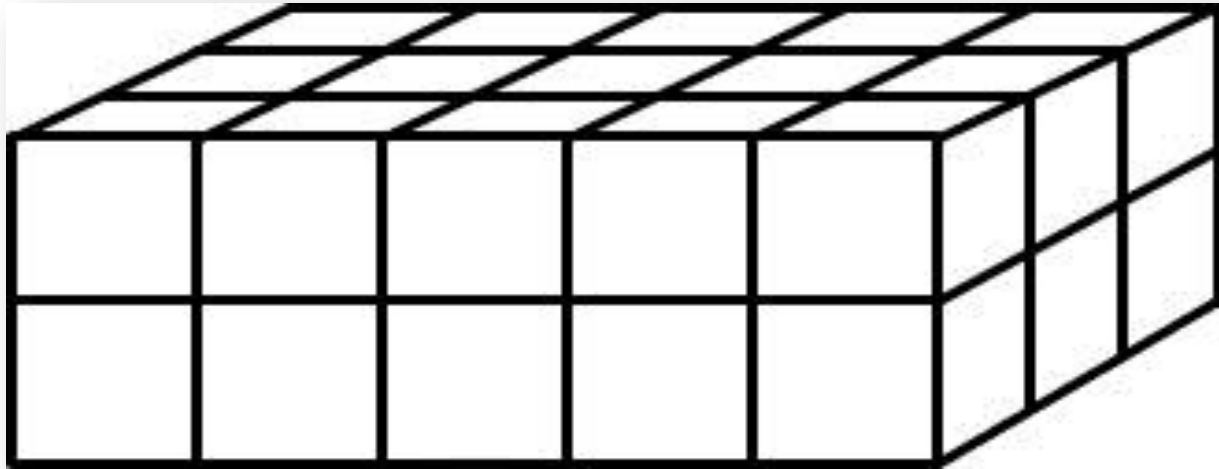
Brid kocke iznosi 4 cm.

$$(4 \cdot 4) \cdot 4 = 16 \cdot 4 = 64 \text{ cm}^3$$

Oznaka za volumen **V.**

$$V = 64 \text{ cm}^3$$

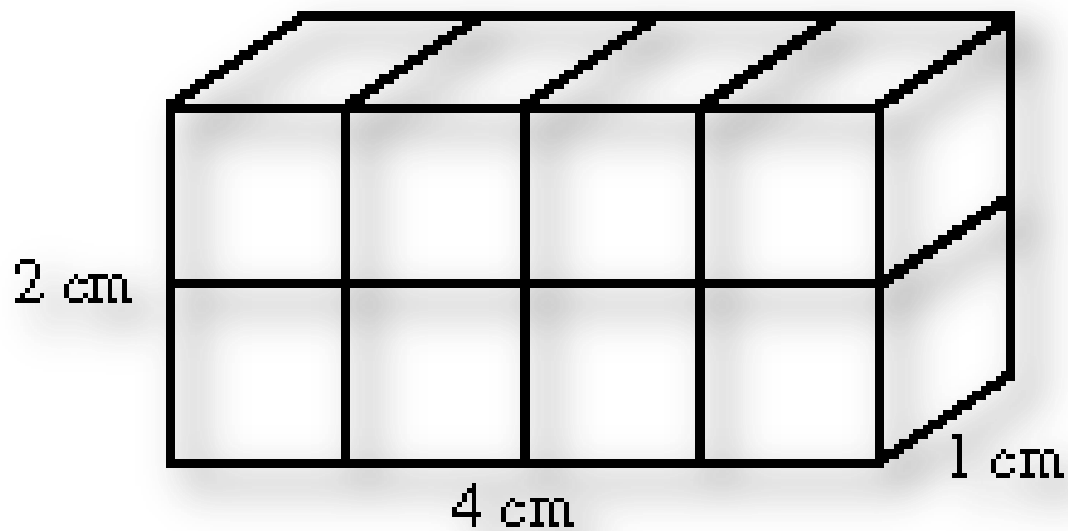
# Poigrajmo se



Izračunajmo volumen.

$$(5 \cdot 3) \cdot 2 = 15 \cdot 2 = 30 \text{ cm}^3$$

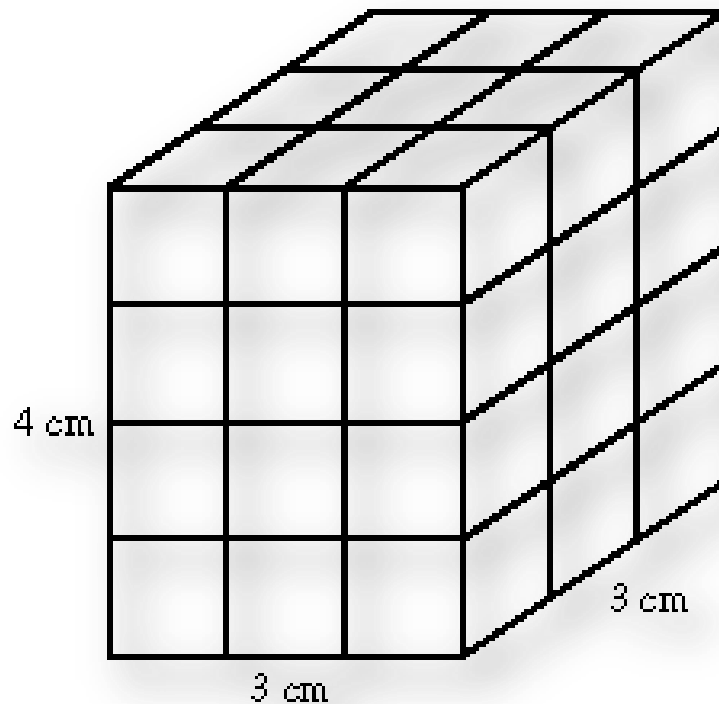
$$V = 30 \text{ cm}^3$$



$$(4 \cdot 1) \cdot 2 = 4 \cdot 2 = 8 \text{ cm}^3$$

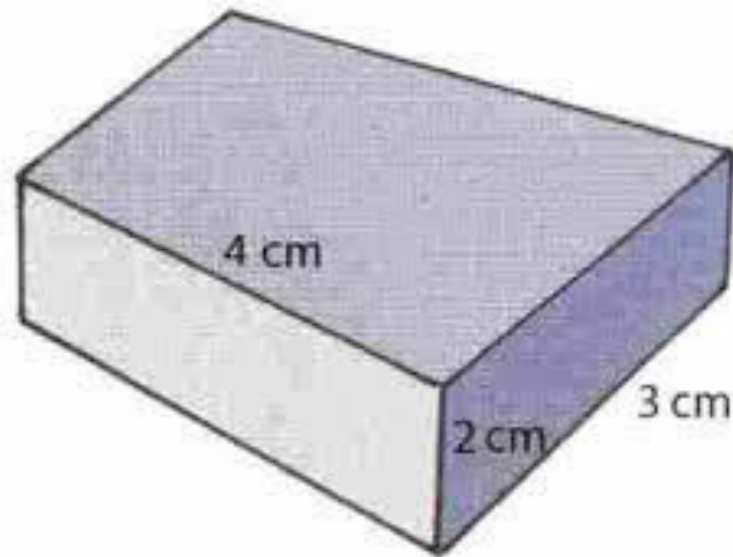
$$V = 8 \text{ cm}^3$$





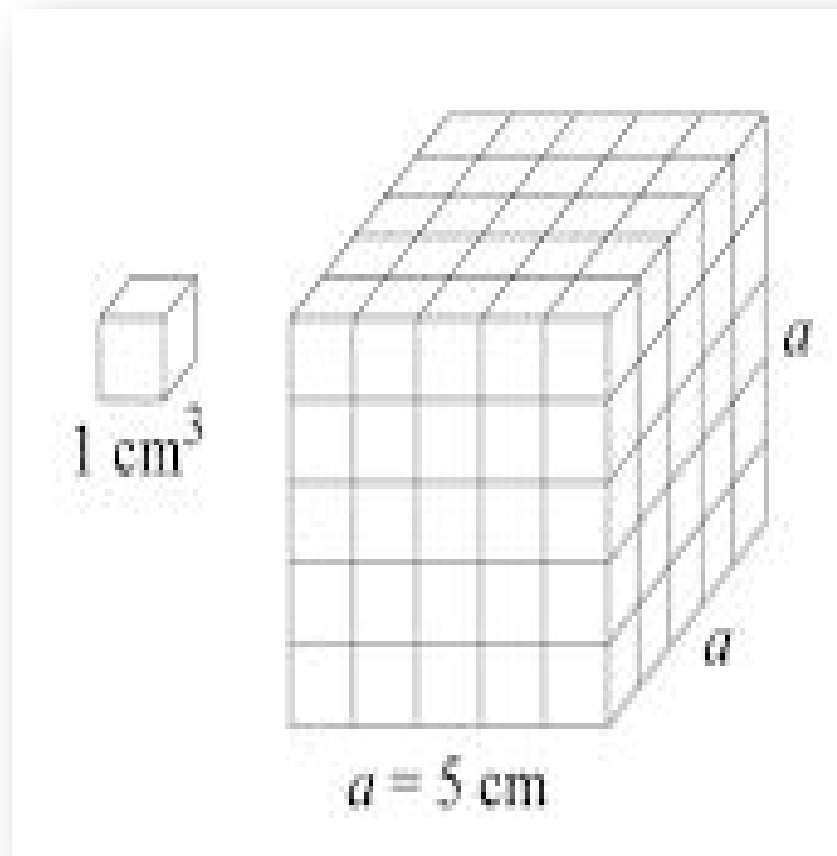
$$(3 \cdot 3) \cdot 4 = 9 \cdot 4 = 36 \text{ cm}^3$$

$$V = 36 \text{ cm}^3$$



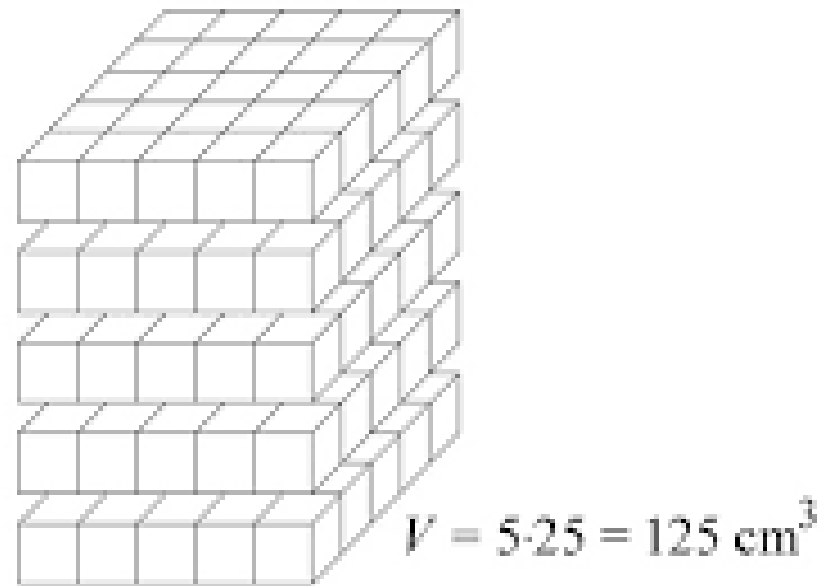
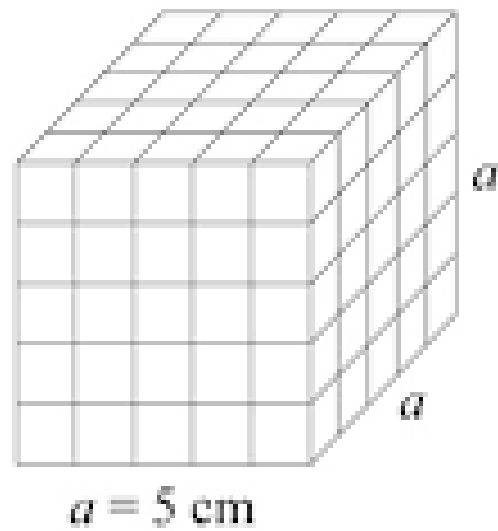
$$(4 \cdot 3) \cdot 2 = 12 \cdot 2 = 24 \text{ cm}^3$$

$$V = 24 \text{ cm}^3$$



$$(5 \cdot 5) \cdot 5 = 25 \cdot 5 = 125 \text{ cm}^3$$

$$V = 125 \text{ cm}^3$$





Izradio: učitelj Dario Šperkov

OŠ braće Radića, Bračević

PŠ Crivac

Šk. god. 2015./ 2016.