

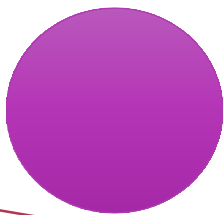
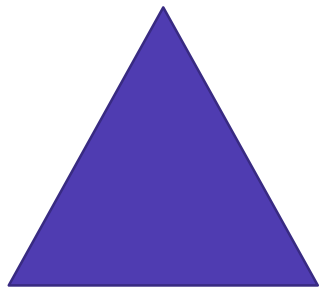
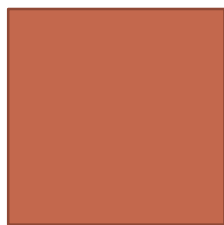
# *GEOMETRIJSKA TIJELA*

VJEŽBA ZA OCJENU

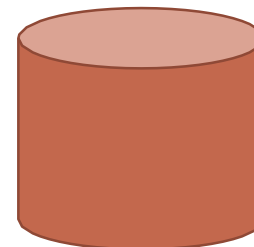
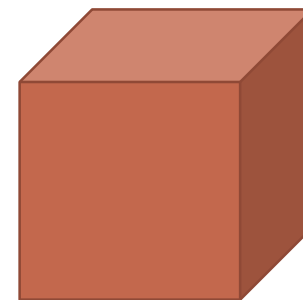
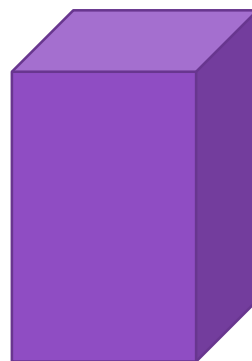


# ***PODSJETIMO SE***

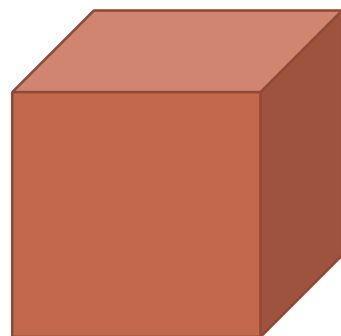
- Geometrijski je lik dio ravnine te je omeđen dužinama.



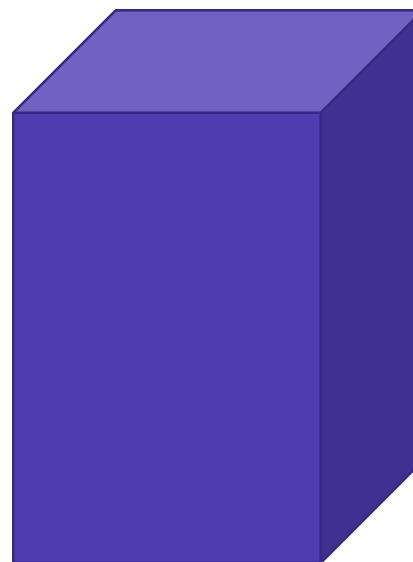
- Geometrijsko tijelo je omeđeni dio prostora.



# ***PRAVILNE ČETVEROSTRANE PRIZME SU:***

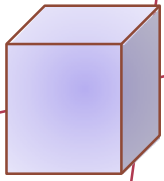


Kocka



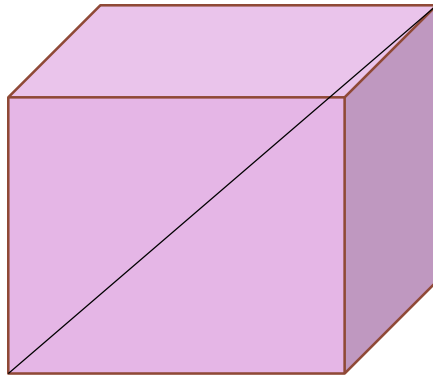
Kvadar





# KOCKA

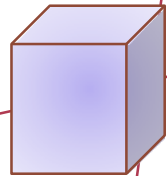
- Kocka je **tijelo** sa svim bridovima jednake duljine. Ima 8 vrhova, 12 bridova i 6 strana



**Oplošje kocke s bridom  
duljine a iznosi  $O=6 \cdot a^2$**

Prostorna dijagonala kocke se računa po  
formuli  $d=a\sqrt{3}$





# PRIMJER:



Izračunajmo duljinu brida kocke oplošja 150 dm<sup>2</sup>:

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

$$150=6 \cdot a^2$$

$$a^2=150:6$$

$$a^2=25$$

$$\sqrt{a}=5$$

$$A=5$$

Rješenje:

**Duljina brida kocke oplošja 150dm<sup>2</sup> iznosi 5 dm.**





# ZADACI

- [Oplošje kocke](#)
- [Oplošje kvadra](#)





# OPLOŠJE KOCKE

Koliko iznosi oplošje kocke ako mu je duljina brida  $a = 6 \text{ cm}^2$

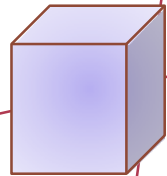
a) 214

b) 215

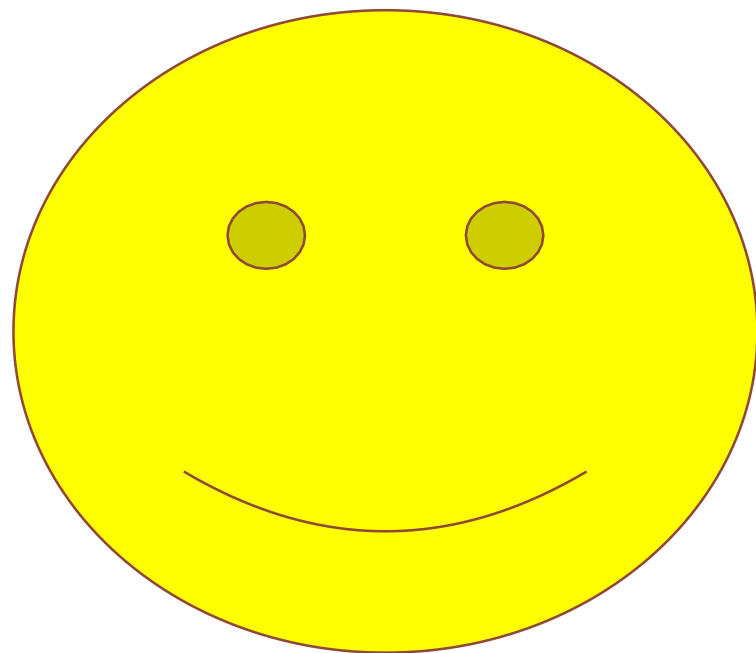
**c) 216**

d) 217





***BRAVO!***





# ***NAŽALOST POGREŠNO***

