

PIRAMIDE

1) Popuni rečenice:

Baza piramide je _____. Ona se još naziva i _____ piramide.

Pobočka piramide je _____.

Sve pobočke piramide čine _____ ili _____.

Udaljenost vrha piramide i ravnine baze je _____ piramide.

_____ piramida je piramida kojoj je baza _____ mnogokut i kojoj je ortogonalna projekcija vrha piramide na ravninu baze jednaka središtu baze.

2) Označi formule koje se odnose na piramidu:

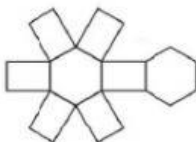
$$O = 2B + P$$

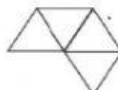
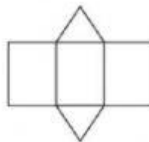
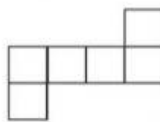
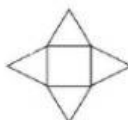
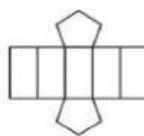
$$O = B + P$$

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

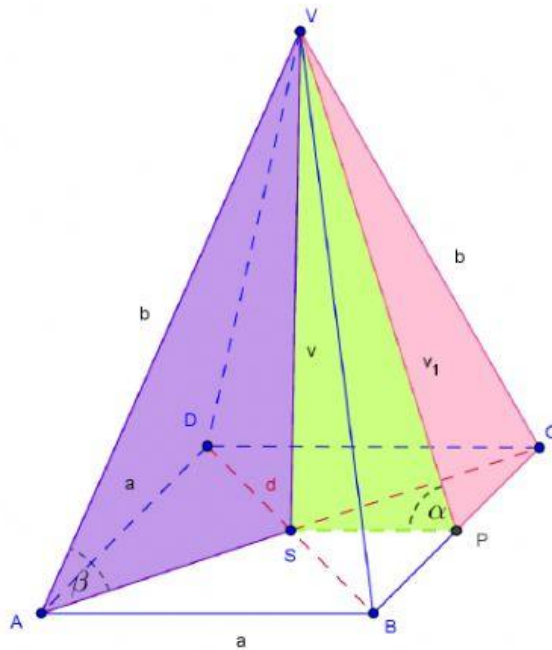
$$V = B \cdot v$$

3) Stavi znak ✓ kod mreže prizme, odnosno piramide:

Mreža tijela	Prizma	Piramida
		
		
		
		

Mreža tijela	Prizma	Piramida
		
		
		
		
		

4) Dobro prouči pravilnu četverostranu piramidu:



5) Spoji oznake sa njihovim značenjem:

v

visina pobočke

a

kut pobočke prema ravnini baze

α

pobočni brid

b

osnovni brid

v_1

visina piramide

β

kut bočnog brida prema ravnini baze

- 6) Smjesti odgovarajuće veličine kao stranice pravokutnog trokuta unutar pravilne četverostrane piramide:

v

v

v_1

v_1

$\frac{a}{2}$

$\frac{a}{2}$

b

b

$\frac{a\sqrt{2}}{2}$

