

RESITVE: [4-strana prizma]

10) Pravična 4-strana prizma:  $a = 4 \text{ cm}$   
 $v = 3,4 \text{ cm} = 12 \text{ cm}$   
 $P = 2 \cdot \psi + pl$   
 $P = 2 \cdot a^2 + 4av$   
 $P = 32 + 16 \cdot 12$   
 $P = 224 \text{ cm}^2$

$P = ?$   
 $V = ?$   
 $V = \psi \cdot v$   
 $V = a^2 \cdot v$   
 $V = 192 \text{ cm}^3 = 0,192 \text{ l}$

12) Enokorna 4-strana prizma:  $a = 2 \text{ cm}$   
 $P, V = ?$   
 ↓  
 KOCKA  
 $P = 6a^2$   
 $P = 24 \text{ cm}^2$

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

21) Pravična 4-strana prizma:  $pl = 240 \text{ cm}^2$   
 $v = 8 \text{ cm}$   
 $pl = 4av$   
 $a = \frac{pl}{4v} = \frac{240}{32}$   
 $a = 7,5 \text{ cm}$

$V = ?$   
 $V = \psi \cdot v$   
 $P = ?$   
 $\psi = a^2$   
 $\psi = 56,25 \text{ cm}^2$

$V = \psi \cdot v$   
 $V = 56,25 \cdot 8$   
 $V = 450 \text{ cm}^3$

$P = 2 \cdot \psi + pl$   
 $P = 2 \cdot 56,25 + 240$   
 $P = 352,5 \text{ cm}^2$

22) Enokorna 4-strana prizma:  $P = 600 \text{ cm}^2$   
 (KOCKA)  
 $V = ?$

$P = 6a^2$   
 $a^2 = \frac{P}{6} = 100$   
 $a = 10 \text{ cm}$

$V = a^3$   
 $V = 1000 \text{ cm}^3 = 1 \text{ l}$