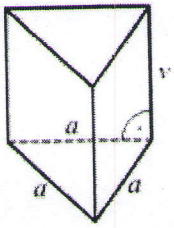


UKOL č. 11

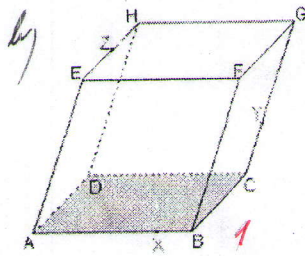
CVIČENÍ STU. 4

15	-	14		1
13	-	10		2
9	-	6		3
5	-	3		4
6	-	0		5

1) a)

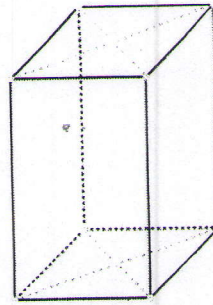


1



1

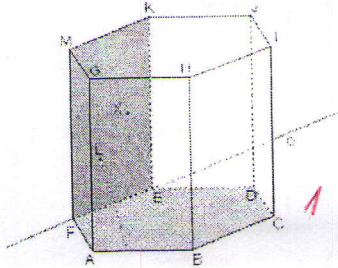
c)



1

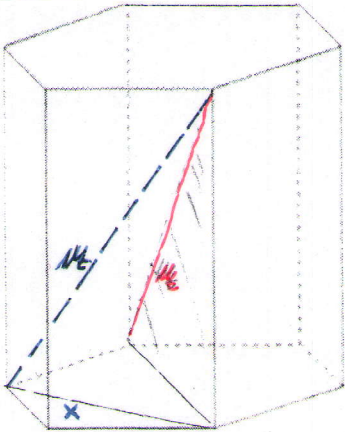
46

d)



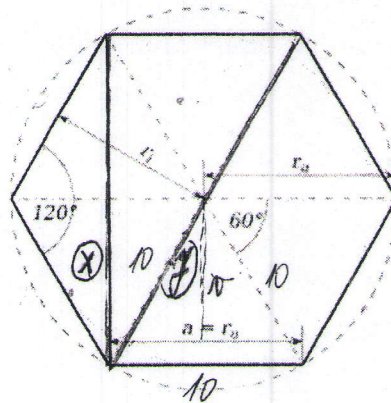
1

3)



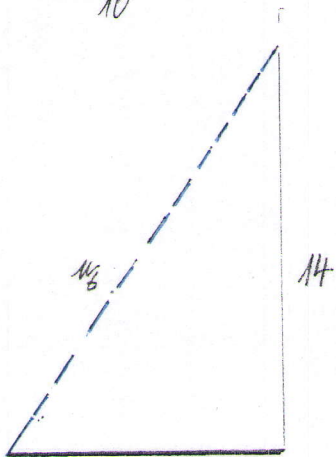
14

10



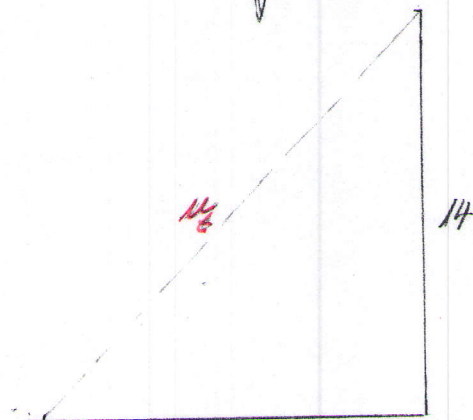
$x = 2 \cdot r$   
 $x = 17,4 \text{ cm}$   
 1

$r^2 = 10^2 - 5^2$   
 $r = 8,4 \text{ cm}$   
 1



$x = 17,4$

$y = 2 \cdot 10$   
 1



$y = 20$

$w_e^2 = 14^2 + 17,4^2$

$w_e = 24,3 \text{ cm}$   
 1

$w_e^2 = 14^2 + 20^2$   
 $w_e = 24,4 \text{ cm}$   
 1

54

UKOL č. 11

CVIČENÍ str. 10

1)  $a = 4\text{ m}$ ,  $b = 6\text{ m}$ ,  $c = 3,6\text{ m}$

$V = 4 \cdot 6 \cdot 3,6$

$V = 151,2\text{ m}^3$  1

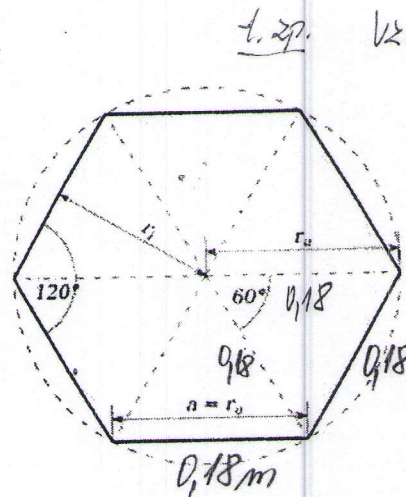
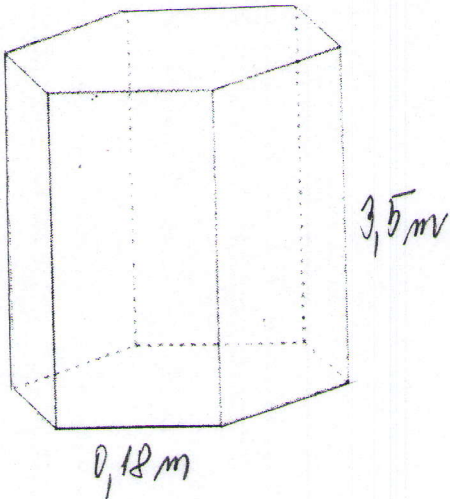
$151,2 : 3 = 50,4$

Umístít můžeme 50 sáčků. 1

24

CVIČENÍ str. 11

4)



1. zp. vzorec:  
 $S_p = \frac{3\sqrt{3}}{2} a^2$   
 $S_p = 2,6 \cdot 0,18^2$   
 $S_p = 0,0842\text{ m}^2$

d. zp.

$S_p = 6 \cdot \frac{1}{2} a \cdot a \cdot \sin 60^\circ$

$S_p = 6 \cdot \frac{1}{2} 0,18 \cdot 0,18 \cdot \frac{\sqrt{3}}{2}$

$S_p = 0,0842\text{ m}^2$  1

46

$V = S_p \cdot n$

$V = 0,0842 \cdot 3,5$

$V = 0,2947\text{ m}^3$  1

$350 \cdot 0,2947 = 103,145\text{ kg}$  1

1 pytel = 50 kg

Asi 2 pytle 1