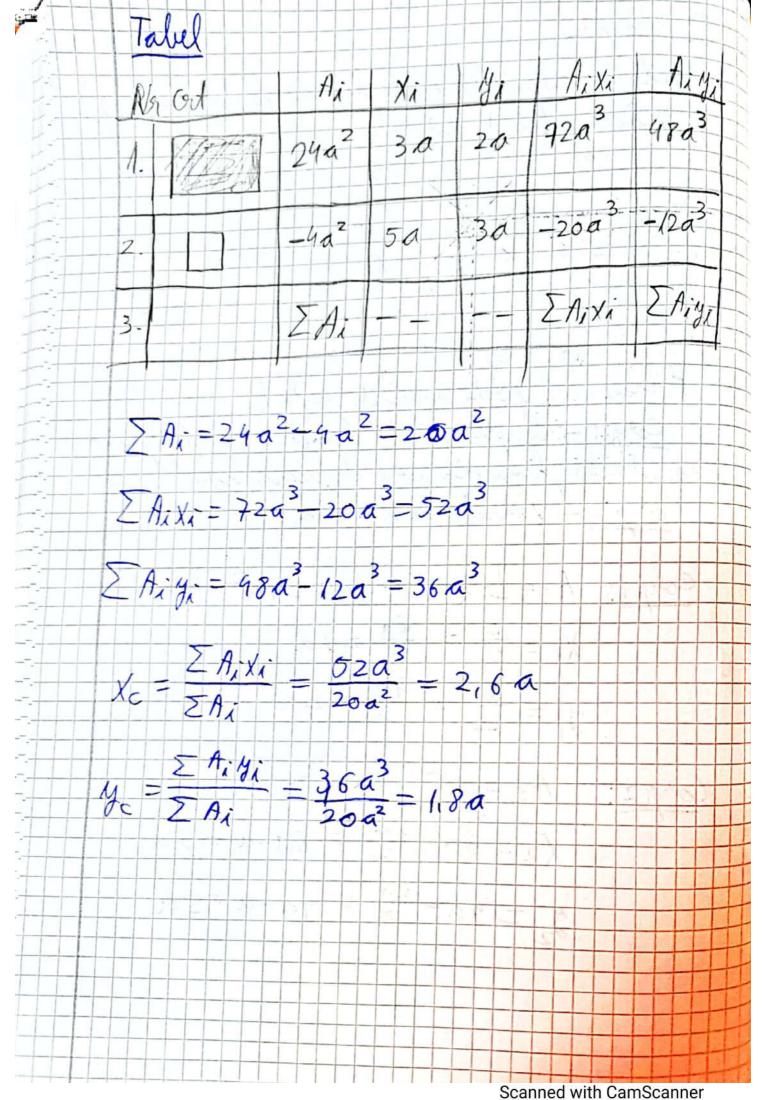
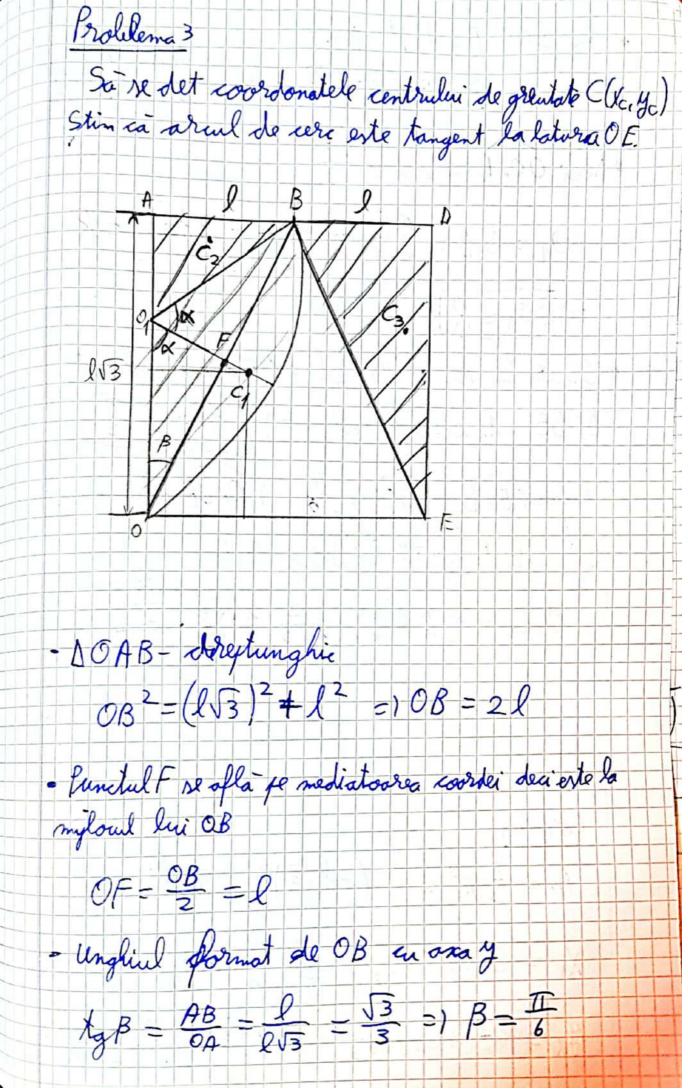
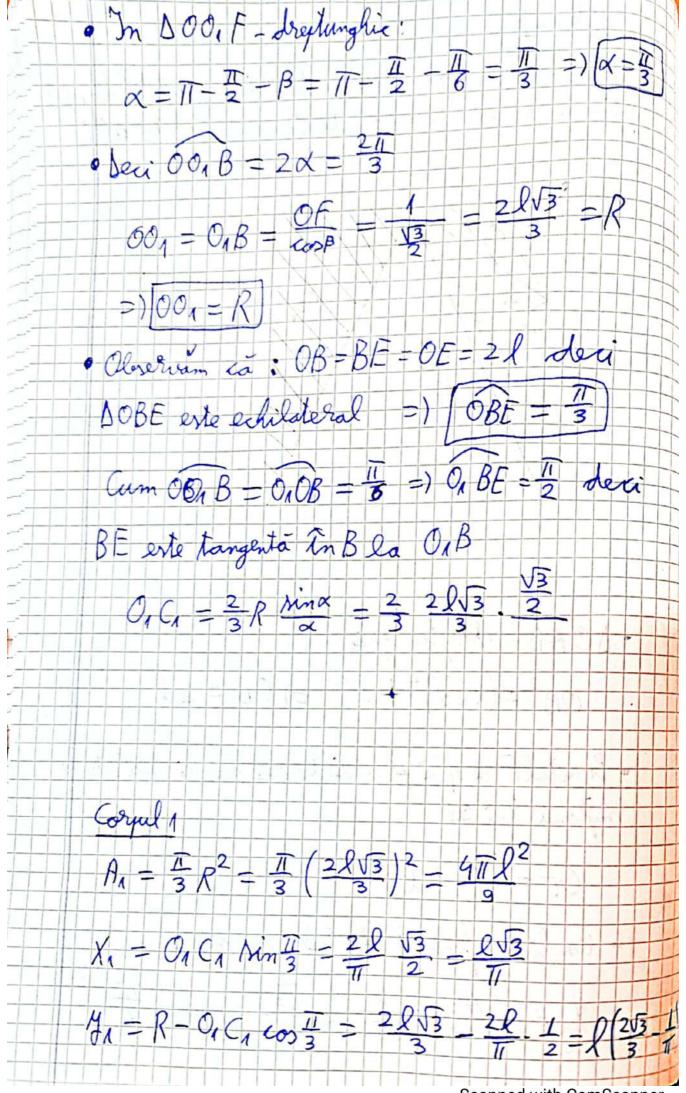


Peralelema Z Det coordonatele centrului de grentate C(x, yc) al places strind laturile Placa se poate imparti astfel
Corp 1 - dreptungli de lungine 6 a silatime 4 a,
considerata plina din core decupam corpul 2 Corp 2 - patrat un l = 2 a Coy1: A1 = L-l=60.40=2902 $\frac{y}{2} = \frac{1}{2} = \frac{1}{2} = \frac{2}{2}$ $A_2 = l^2 = (2a)^2 = 4a^2$ $\chi_2 = 6a - \frac{2a}{2} = 6a - a = 5a$ y = 4a - 2 = 4a - a = 3a





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Cory 2 A2 = 01 A .	$\frac{AB}{AB} = \frac{1}{2}$	$\frac{\ell\sqrt{3}}{3}\ell =$	l ² √3
$X_2 = \frac{1+0+0}{3}$	$=\frac{0}{3}$		
$y_2 = \frac{1}{3} (2l)$	13 + l 53 t	· l√3) =	8 L V 3
72 = 40, + 4A	+ 48		
Corp 3 A3 = DE-BE 2	3 = C1	$\frac{\zeta_2}{2} = \frac{1}{2}$	$l\sqrt{3}l = \frac{l^2\sqrt{3}}{2}$
$X_3 = \frac{1}{3}(1+2)$	21+21):	<u>5l</u>	
$y_3 = \frac{1}{3} \left(0 + \ell \right)$	V3+LV3)=	2 l \(\sqrt{3} \)	
Micosp Ai	Xi DV3 T	$\begin{pmatrix} \frac{2\sqrt{3}}{3} & \frac{1}{17} \end{pmatrix}$	Aixi Aiti 4\sl3 23 (811\sl3 - 4) 27 9)
$ \begin{array}{c c} 2 & \ell^2 \sqrt{3} \\ 6 & 6 \end{array} $	<u>9</u> 3 50 2	703	$\ell^{3}\sqrt{3}$ $\frac{4\ell^{3}}{9}$ $5\ell^{3}\sqrt{3}$ ℓ^{3}
$\sum_{i=1}^{3} \frac{1}{2} \frac{2}{6\sqrt{3}+4\pi}$	3	3	$\frac{6}{4l^{3}\sqrt{3}} l^{3} \left(1 + 87 \sqrt{3}\right)$
$\chi_{c} = \frac{Z A_{i} \chi_{i}}{\sum A_{i}} = \frac{1}{2}$	42 ³ √3 3 _ =	12V3 6V3 +411	2=0,32
$\mathcal{G}_{C} = \frac{\sum A_{i} y_{i}}{\sum A_{i}} = \frac{1}{2}$	23 (1+ 27) 23 (1+ 27) 24 (1) +41T		$\frac{7+8\pi\sqrt{3}}{(6\sqrt{3}+4\pi)}l = 1.02l$ Scanned with CamScanner

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