Model Jusiect Geometrie Maternatica 2021
Varianta 2.
$\begin{array}{cccccccccccccccccccccccccccccccccccc$
de dan my (oacele 121, (1,2), 172 (5,4), 173 (3,1)
Se dan mijloacele M, (1,2), M2(3,4), M3(5,-1) ale laterilor mui tunghi. Determinate ecuatrile laterilor.
(-1,7) C 18
M2(0,4)
A (7.1)
A(7,1)
2
173(5,-1)
B(3,-3)
M <sub>1</sub> M <sub>2</sub> II AB
MAB = MMIM2 = 2 = 1 => AB: Y+1= X-5
= AB : x-y-6=0
$M_{DC} = M_{M_2M_3} = \frac{-1-4}{5-3} = -\frac{5}{2} = > DC: \sqrt{-2} = -\frac{5}{2}(x-4)$
=>BC: \52+2y-9=0
$m_{CA} = m_{MiM_3} = \frac{-1-2}{5-1} = \frac{-3}{4} = CA: y-4=-\frac{3}{5}(x-3)$
=) CA: 3x +4y - 25=0