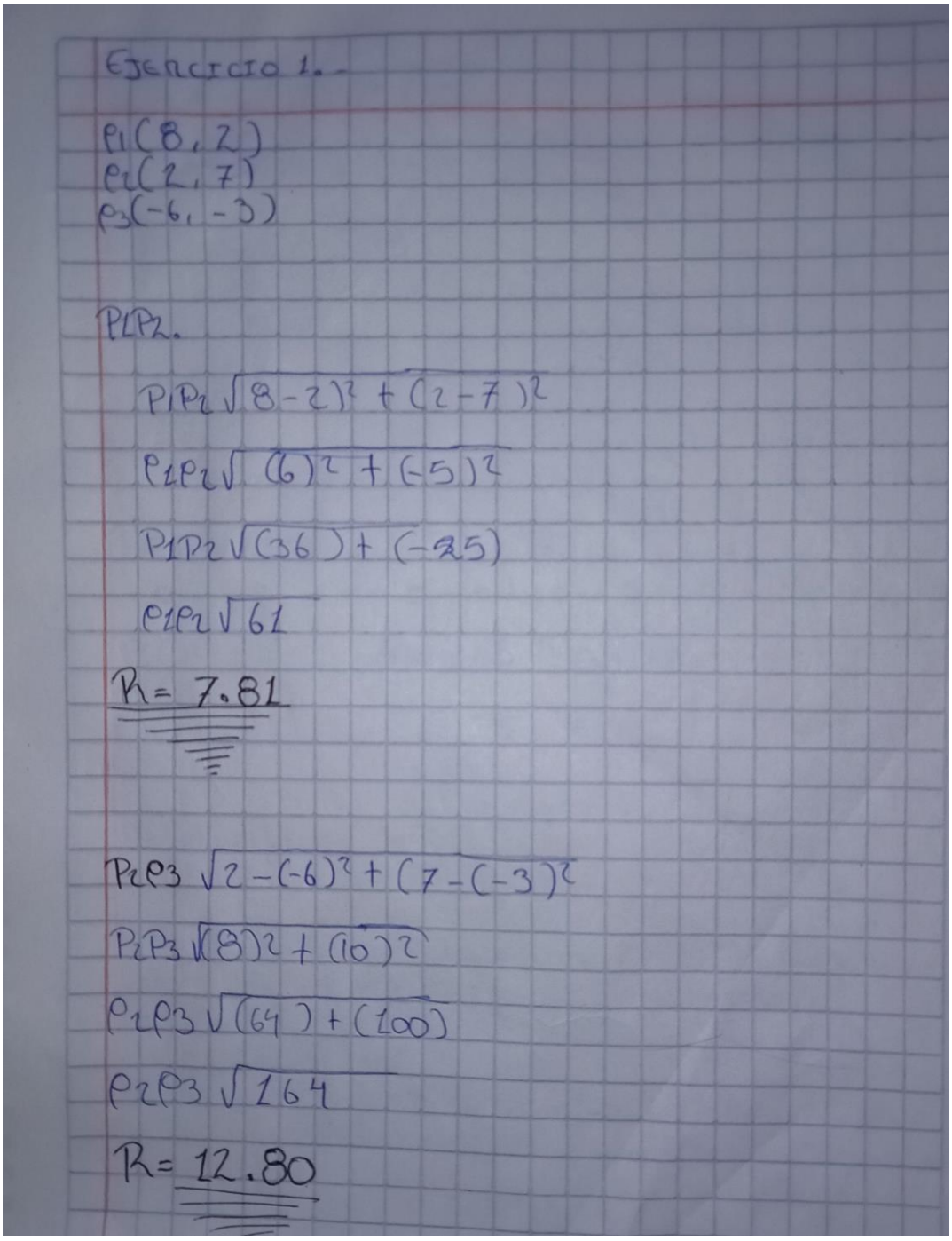
ALUMNO:_ CARLOS DANIEL JIMÉNEZ VELÁZQUEZ.

DOCENTE:_ JORGE ENRIQUE ALBORES AGUILAR.

NIVEL:_ BACHILLERATO RECURSOS HUMANOS.

GRADOS:_ 3ER CUATRIMESTRE.

GRUPO:_ A.



$P_3P_1 \sqrt{(-6-(8)^2)+(-3-(2)^2}$

$P_3P_2 \sqrt{-14)^2+(-5)^2}$

$P_3E_1 \sqrt{(196)+(-25)}$

$P_3P_2 \sqrt{-221}$

14.86

PERIMETRO :- 35.47.

P1(8, 2).
P2(2, 7).
P3(-6, -3).

"ANGULOS PENDIENTES".

$M = \frac{Y_2 - Y_1}{X_2 - X_1}$ REGLA.

P1(8, 2).
P2(2, 7). $M = \frac{7-2}{2-8} = \frac{5}{6} =$ $\overline{P_1P_2}$.

$\theta = \text{RTANGENT} = \frac{5}{6} = 39^\circ\ 48''\ 20.06'.$

P2(2, 7) $M = \frac{-3-(7)}{-6-(2)} = \frac{10}{8} = \frac{10}{8}$ $\overline{P_2P_3}$.
P3(-6, -3)

$\theta = \text{RTANGENT} = \frac{10}{8} = 61^\circ\ 20'\ 24.69'.$

P3(-6, -3)
P1(8, 2) $M = \frac{2-(-3)}{8-(-6)} = \frac{5}{14} = \frac{5}{14}$

$\theta \text{RTANGENT} = 19^\circ\ 39''\ 13.77'.$

"PUNTO MEDIO"

$P_M(x) = \frac{x_1 + x_2}{2}$ $\quad P_M(y) = \frac{y_1 + y_2}{2}$

P1P2 $\quad P_M(x) = \frac{8+2}{2} = 10 \div 2 = 5$

$P_M(y) = \frac{2+7}{2} = 9 \div 2 = 4.5$

P2P3 $\quad P_M(x) = \frac{2+-6}{2} = 4 \div 2 = (-2)$

$P_M(y) = \frac{7+-3}{2} = 4 \div 2 = (2)$

P3

P1 $\quad P_M(x) = \frac{-6+8}{2} = 2 \div 2 = (1)$

$P_M(y) = \frac{-3+2}{2} = -1 \div 2 = (-0.5)$

"RAZONES DADAS"

P1(8,2) P2(2,7) $\quad x = \frac{8 + \frac{1}{3}2}{1+\frac{1}{3}} = \frac{5}{4} / 1.25.$ ⇒ P1P2

$y = \frac{2 + \frac{1}{3}7}{1+\frac{1}{3}} = \frac{16}{3} / 5.3.$

RAZONES DADOS.

$P_2P_3 \quad x = \frac{2 + \frac{1}{3}(-6)}{1 + \frac{1}{3}} = -1 \leftarrow P_2P_3.$

$y = \frac{7 + \frac{1}{3}(-3)}{1 + \frac{1}{3}} = \frac{1}{4} / -0.25.$

— o — o — o — o — o — o — o — o

$P_3P_1.$

$x = \frac{-6 + \frac{1}{3}(8)}{1 + \frac{1}{3}} = \frac{3}{2}3$

$y = \frac{-3 + \frac{1}{3}(2)}{1 + \frac{1}{3}} = \frac{1}{2}3 / \frac{5}{4}.$

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