## Balganna 2.6.

A (-2,4), B(3,1), C(10,7)

a) Pébreure moure premisé, mp moxogene

$$\frac{X - (-2)}{3 - (-2)} = \frac{y - 4}{1 - 4} \iff \frac{X + 2}{5} = \frac{y - 4}{-3} \Rightarrow \frac{4 - y}{3}$$

36igen  $3x+6=20-5y \Rightarrow 3x+5y-14=0$  $y=-\frac{3}{2}x+\frac{14}{2}$ 

5) Pibuerne Bucomy CH:

$$K_{AB} = -\frac{3}{5}$$
 ..  $K_{CH} = -\frac{1}{K_{AB}} = \frac{5}{3}$ 

$$y-7 = \frac{5}{3}(x-10) = y = \frac{5}{3}x+7 - \frac{50}{3}$$
woopguram

6) noopgunamu cepegunu bigpizer BC:

$$X_c = \frac{3+10}{2} = \frac{13}{2}$$
 $y_c = \frac{1+7}{2} = 4$ 

ii pilmanne megianu 
$$\frac{x+z}{\frac{1}{3}+2} = \frac{y-4}{4+4} \Rightarrow y=4$$

2) 
$$\begin{cases} y = 4 \\ y = \frac{5}{3}x + 4 - \frac{50}{3} = 0 \end{cases} \times = \left(4 + \frac{50}{3} - 4\right) \frac{3}{5} = \frac{41}{5}$$

9) 
$$y-10 = -\frac{3}{5}(x-7) = y = -\frac{3}{5}x + \frac{21}{5}+10$$

e)  $d = |CH| = \frac{1-\frac{3}{5}\cdot10-1\cdot 7+\frac{19}{5}}{\sqrt{\frac{3}{25}+1}} = \frac{3}{2}\sqrt{3}4 \approx 8,7454$ 

Selegarne 2.5.  $(9, e, w)$   $9 = R = 0$ 

$$\begin{cases}
x = 6+4 \\
y = 3+6 \\
7 = -1+4
\end{cases} & 45(4+6)+18(3+4)+57(-1+4)-309=6
\end{cases}$$

$$\Rightarrow A_0 (1,6) = (1,4)-5,4$$
e) 
$$\begin{cases}
x-2 \\
-9 = 7-5 \\
-9 = \frac{2+3}{3} = \frac{2+3}{3} - A_1A_2
\end{cases}$$

$$\begin{cases}
x-2 \\
-9 = \frac{y-5}{3} = \frac{2+3}{2} - A_1A_2
\end{cases}$$

$$\begin{cases}
x-2 \\
-9 = \frac{y-5}{3} = \frac{2+3}{2} - A_1A_2
\end{cases}$$

$$\begin{cases}
x-2 \\
4 = \frac{y-5}{2} = \frac{2+3}{2} - A_1A_2
\end{cases}$$

$$\begin{cases}
x-2 \\
-9 = \frac{y-5}{3} = \frac{2+3}{2} - A_1A_2
\end{cases}$$

$$\begin{cases}
x-2 \\
-9 = \frac{y-5}{3} = \frac{2+3}{2} - A_1A_2
\end{cases}$$

$$\begin{cases}
x-2 \\
-9 = \frac{y-5}{3} = \frac{2+3}{2} - A_1A_2
\end{cases}$$

$$\begin{cases}
x-2 \\
-9 = \frac{y-5}{3} = \frac{2+3}{2} - A_1A_2
\end{cases}$$

$$\begin{cases}
x-2 \\
-9 = \frac{y-5}{3} = \frac{y-5}{2} - \frac{y-5}{2} -$$