Hw 2

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①
$$\overrightarrow{A} = (\times_1 / x_1, ... / x_n) > ()$$
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(AB= 12)

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$$\frac{1}{2.6} = \frac{1}{2.6}$$

$$\frac{1}{2.6} = \frac{1}{2.$$

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@
$$\vec{r}_1$$
: < 413,87 \vec{r}_2 - \vec{r}_1 - = 22,7,37

 \vec{r}_2 : < 2,10,57 || \vec{r}_1 | = $\sqrt{4+49+9}$ |= 7.87:]7.97

B no clue

$$C \overrightarrow{r}_{1} \times \overrightarrow{r}_{2} = \begin{vmatrix} 4 & 3 & 8 \\ 2 & 10 & 5 \end{vmatrix} = \begin{vmatrix} 2 & 8 \\ 10 & 5 \end{vmatrix} 1 - \begin{vmatrix} 4 & 8 \\ 2 & 6 \end{vmatrix} 1 + \begin{vmatrix} 4 & 3 \\ 2 & 6 \end{vmatrix} 1$$

$$(15 - 80) 1 - (20 - 16) 1 + (40 - 6) 1 = 2 - 650 - 41 + 34 1$$