

10.5

- 1) $\overrightarrow{AB} = \begin{pmatrix} 1-3 \\ 5-(-2) \\ -2-1 \end{pmatrix} = \begin{pmatrix} -2 \\ 7 \\ -3 \end{pmatrix}$
- 2) $\overrightarrow{BC} = \begin{pmatrix} 0-1 \\ -4-5 \\ 5-(-2) \end{pmatrix} = \begin{pmatrix} -1 \\ -9 \\ 7 \end{pmatrix}$
- 3) $\overrightarrow{CA} = \begin{pmatrix} 3-0 \\ -2-(-4) \\ 1-5 \end{pmatrix} = \begin{pmatrix} 3 \\ 2 \\ -4 \end{pmatrix}$