

$$\mathbf{1.} \quad 0 \times \begin{pmatrix} -2 \\ 4 \\ -1 \end{pmatrix} = \begin{pmatrix} 0 \times (-2) \\ 0 \times 4 \\ 0 \times (-1) \end{pmatrix} = \begin{pmatrix} 0 \\ 0 \\ 0 \end{pmatrix}$$

$$\mathbf{2.} \quad -4 \times \begin{pmatrix} -4 \\ -5 \end{pmatrix} = \begin{pmatrix} -4 \times (-4) \\ -4 \times (-5) \end{pmatrix} = \begin{pmatrix} 16 \\ 20 \end{pmatrix}$$

$$\mathbf{3.} \quad 4 \times \begin{pmatrix} -3 & 4 \end{pmatrix} = \begin{pmatrix} 4 \times (-3) & 4 \times 4 \end{pmatrix} = \begin{pmatrix} -12 & 16 \end{pmatrix}$$