$$2 (2,3,-1) + 3 (0,-1,2) - 4 (1,0,-2)$$

$$(4,6,-2) + (0,-3,6) - (44,0,-8)$$

$$(0,3,12)$$

$$|(2,2,1)|^2 \sqrt{2+2^2+1^2} = 3/2$$

$$\begin{array}{c} (2) & |2 \sqrt{-w}| \\ 2(0,-1,2) - (1,0,-2) \\ (0,-2,4) - (1,0,-2) = (-1,-2,6) \end{array}$$