

Escaneado con CamScanner

b) Si 
$$V = \ell_1 \cdot (\ell_2 \times \ell_3)$$
 y  $\tilde{V} = e^1 \cdot (e^2 \times e^3)$   $\rightarrow V \tilde{V} = 1$ 
 $e^1 = \frac{\ell_2 \times \ell_3}{e_1(\ell_2 \times \ell_3)}$  ;  $e_1 = \frac{e^2 \times e^3}{e^1(e^2 \times e^3)}$ 
 $e_1 \times \ell_3 = \alpha \ell_1$   $\times (\ell_2 \times \ell_3) = e^1$ 
 $\times (e^2 \times e^3) = e^1$   $(\ell_2 \times \ell_3) = \alpha \ell_1$ 
 $V \hat{V} = \ell_1 \cdot e^1 \cdot e^1 \cdot \alpha \ell_1 = 1 \cdot 1 = 1$ 

C)  $\alpha \cdot e^1 = 1$  como  $V = \hat{I} \cdot e^1$ ,  $e^1$ ,  $e^1$ ,  $e^1$ ,  $e^1$ 
 $e^1 + \ell_1 \cdot e^1$ ,  $e^1 \cdot \ell_2 \cdot e^1$ ,  $e^1 + \ell_2 \cdot e^2$ 
 $e^1 + \ell_3 \cdot e^2$ ,  $e^1 + \ell_4 \cdot e^2$ ,  $e^1 + \ell_5 \cdot e^2$ 
 $e^1 + \ell_5 \cdot e^2$ ,  $e^1 + \ell_5 \cdot e^2$ ,  $e^1 + \ell_5 \cdot e^2$ 
 $e^1 + \ell_5 \cdot e^2$ ,  $e^1 + \ell_5 \cdot e^2$ ,  $e^1 + \ell_5 \cdot e^2$ 
 $e^1 + \ell_5 \cdot e^2$ ,  $e^1 + \ell_5 \cdot e^2$ ,  $e^1 + \ell_5 \cdot e^2$ 
 $e^1 + \ell_5 \cdot e^2$ ,  $e^1 + \ell_5 \cdot e^2$ ,  $e^1 + \ell_5 \cdot e^2$ 
 $e^1 + \ell_5 \cdot e^2$ ,  $e^1 + \ell_5 \cdot e^2$ ,  $e^1 + \ell_5 \cdot e^2$ 
 $e^1 + \ell_5 \cdot e^2$ ,  $e^1 + \ell_5 \cdot e^2$ ,  $e^1 + \ell_5 \cdot e^2$ 
 $e^1 + \ell_5 \cdot e^2$ ,  $e^1 + \ell_5 \cdot e^2$ ,  $e^1 + \ell_5 \cdot e^2$ 
 $e^1 + \ell_5 \cdot e^2$ ,  $e^1 + \ell_5 \cdot e^2$ ,  $e^1 + \ell_5 \cdot e^2$ 
 $e^1 + \ell_5 \cdot e^2$ ,  $e^1 + \ell_5 \cdot e^3$ 
 $e^1 + \ell_5 \cdot e^3$ 

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2) 
$$a = \frac{1}{12} + 3\hat{k}$$
  
 $\Rightarrow |a\rangle = a^{1} |w\rangle = a^{1} |w\rangle + a^{2} |w\rangle + a^{3} |w\rangle = a^{1} |w\rangle + a^{2} |w\rangle + a^{3} |w\rangle = a^{1} |w\rangle + a^{2} |w\rangle + a^{3} |w\rangle = a^{1} |w\rangle + a^{2} |w\rangle + a^{3} |w\rangle = a^{1} |w\rangle + a^{2} |w\rangle + a^{3} |w\rangle = a^{1} |w\rangle + a^{2} |w\rangle + a^{3} |w\rangle = a^{1} |w\rangle + a^{2} |w\rangle + a^{3} |w\rangle = a^{1} |w\rangle + a^{2} |w\rangle + a^{3} |w\rangle = a^{1} |w\rangle + a^{2} |w\rangle + a^{3} |w\rangle = a^{1} |w\rangle + a^{2} |w\rangle + a^{3} |w\rangle = a^{1} |w\rangle + a^{2} |w\rangle + a^{3} |w\rangle = a^{1} |w\rangle + a^{2} |w\rangle + a^{3} |w\rangle = a^{1} |w\rangle + a^{2} |w\rangle + a^{3} |w\rangle = a^{1} |w\rangle + a^{2} |w\rangle + a^{3} |w\rangle = a^{1} |w\rangle + a^{2} |w\rangle + a^{3} |w\rangle = a^{1} |w\rangle + a^{2} |w\rangle + a^{3} |w\rangle = a^{1} |w\rangle + a^{2} |w\rangle + a^{3} |w\rangle = a^{1} |w\rangle + a^{2} |w\rangle + a^{3} |w\rangle + a^{3}$ 

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Escaneado con CamSca