

13.

$$V = \underbrace{3}_a i - \underbrace{7}_b j$$

So

$$\text{TAN } \alpha = \frac{b}{a}$$

$$\text{TAN } \alpha = \frac{-7}{3}$$

$$\text{TAN}^{-1}(\text{TAN } \alpha) = \text{TAN}^{-1}\left(\frac{-7}{3}\right)$$

$$\alpha = -66.8^\circ$$

$$+ 360^\circ$$

$$\alpha = 293.2^\circ$$

