HITT quiz

Find length of vector c

$\vec{a}$

120°

$\vec{b}$
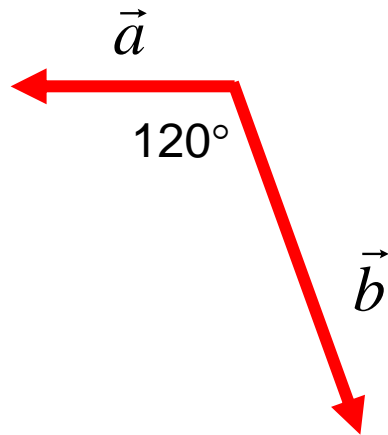
$$\vec{c} = \vec{a} + \vec{b}$$

$$a = 1, \quad b = 4, \quad \alpha = 120°$$

(a) 1 (b) $\sqrt{2}$ (c) $\sqrt{3}$ (d) 2 (e) $\sqrt{13}$