HITT quiz

Find length of vector c

$\vec{a}$

120°

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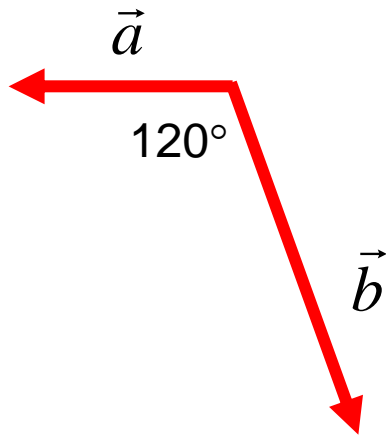
$\vec{c} = \vec{a} + \vec{b}$

$a = 2, \quad b = 4, \quad \alpha = 120°$

$(a) \ 2 \qquad (b) \ \sqrt{8} \qquad (c) \ \sqrt{12} \qquad (d) \ 4 \qquad (e) \ \sqrt{20}$