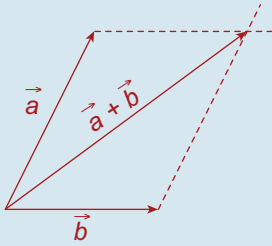
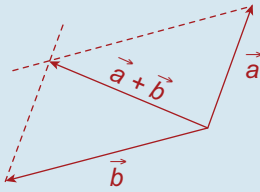


Chapter 1 Exercise 1A

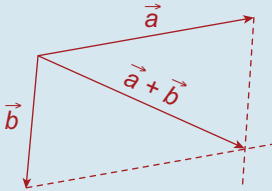
Q. 1. (i)



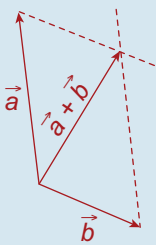
(ii)



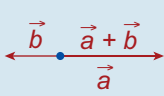
(iii)



(iv)

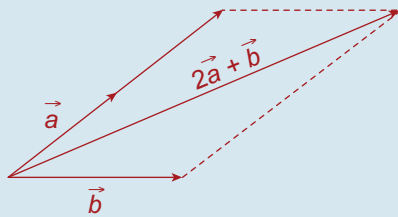


(v)

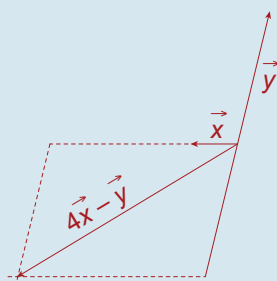


(vi) $\vec{0}$, The null vector

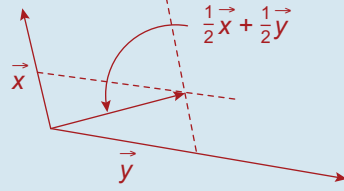
Q. 2.



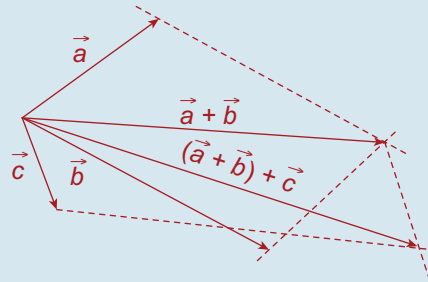
Q. 3.



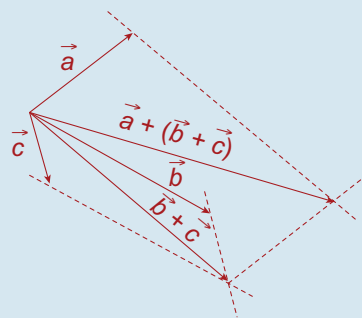
Q. 4.



Q. 5.

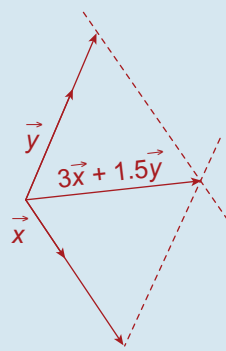


Q. 6.

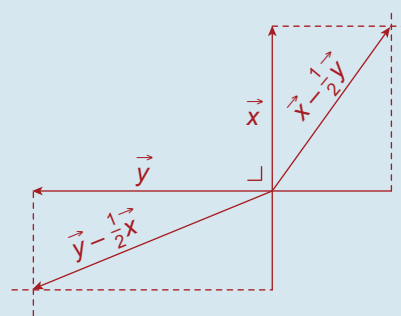


Yes; $(\vec{a} + \vec{b}) + \vec{c} = \vec{a} + (\vec{b} + \vec{c})$.

Q. 7.



Q. 8.



Q. 9. 5 cm; E 53° N.