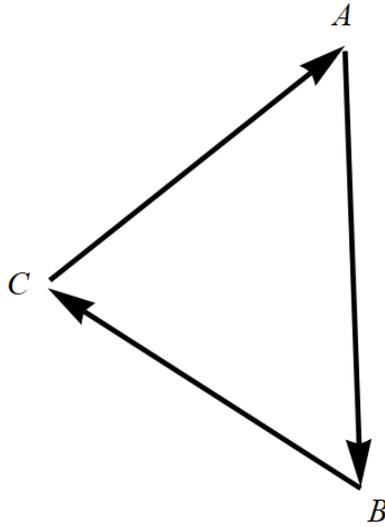


Exercise 23

Suppose A , B , and C are vertices of a triangle. Find $\vec{AB} + \vec{BC} + \vec{CA}$.

Solution

$\vec{AB} + \vec{BC} + \vec{CA} = \mathbf{0}$ because the vectors are all connected from head to tail.