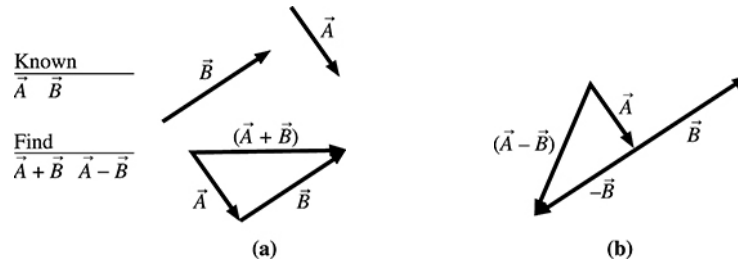


3.2. Visualize:



Solve: (a) To find $\vec{A} + \vec{B}$, we place the tail of vector $\vec{B}$ on the tip of vector $\vec{A}$ and then connect vector $\vec{A}$'s tail with vector $\vec{B}$'s tip.

(b) To find $\vec{A} - \vec{B}$, we note that $\vec{A} - \vec{B} = \vec{A} + (-\vec{B})$. We place the tail of vector $-\vec{B}$ on the tip of vector $\vec{A}$ and then connect vector $\vec{A}$'s tail with the tip of vector $-\vec{B}$.