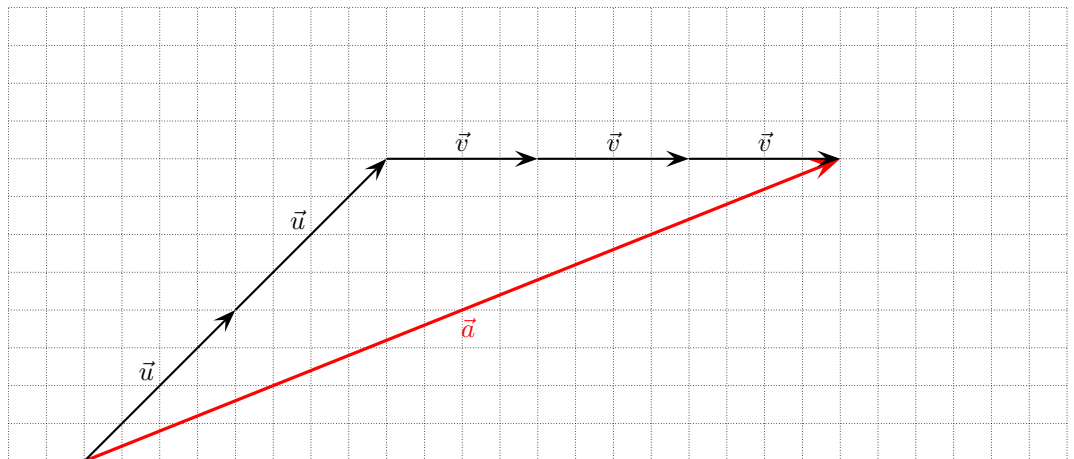
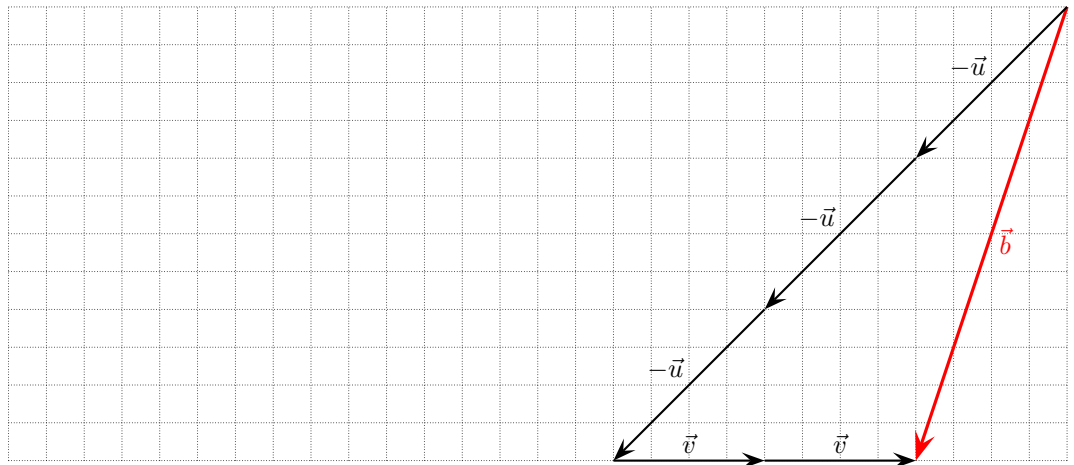


8.7

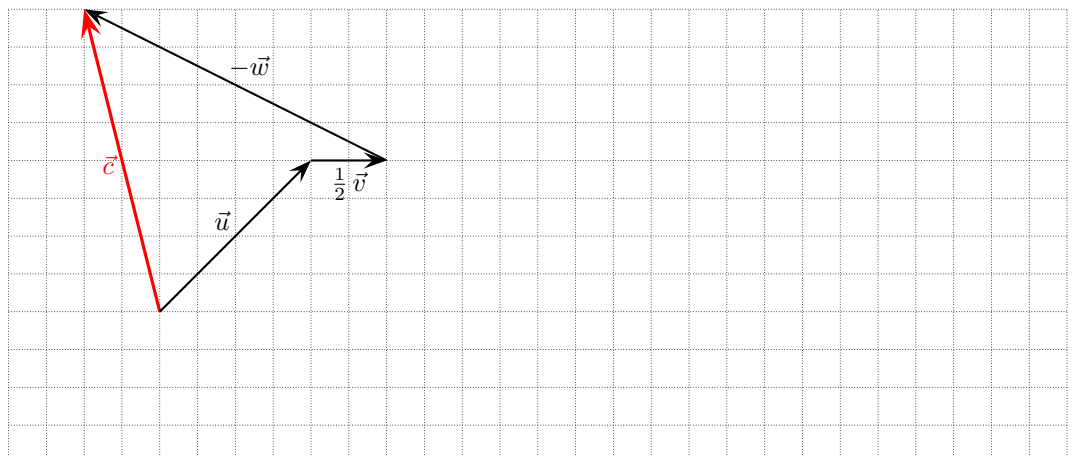
1) $\vec{a} = 2\vec{u} + 3\vec{v}$



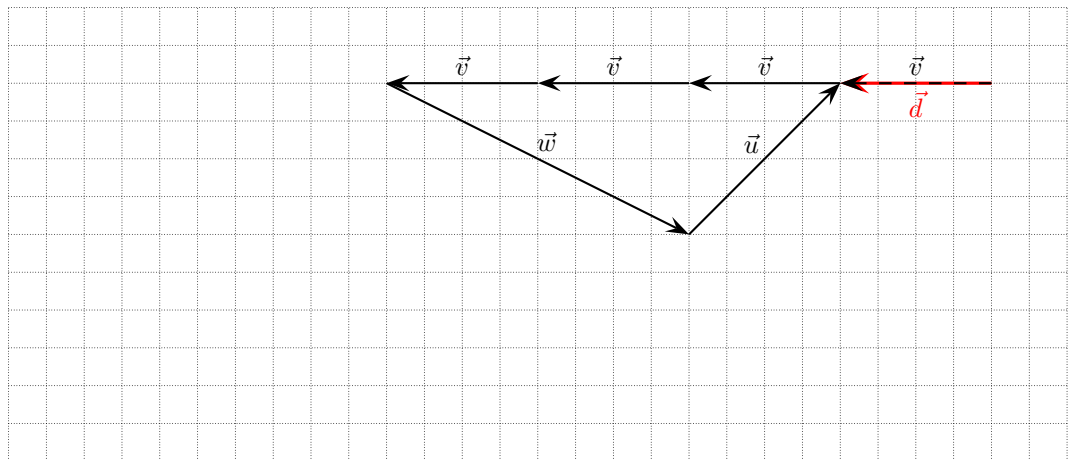
2) $\vec{b} = 2\vec{v} - 3\vec{u} = -3\vec{u} + 2\vec{v}$



3) $\vec{c} = \vec{u} - (\vec{w} - \frac{1}{2}\vec{v}) = \vec{u} + \frac{1}{2}\vec{v} - \vec{w}$



$$4) \vec{d} = \vec{u} - 4\vec{v} + \vec{w} = -4\vec{v} + \vec{w} + \vec{u}$$



$$5) \vec{e} = 2\vec{v} - \left(\vec{u} - \frac{1}{2}\vec{w}\right) = 2\vec{v} - \vec{u} + \frac{1}{2}\vec{w}$$

