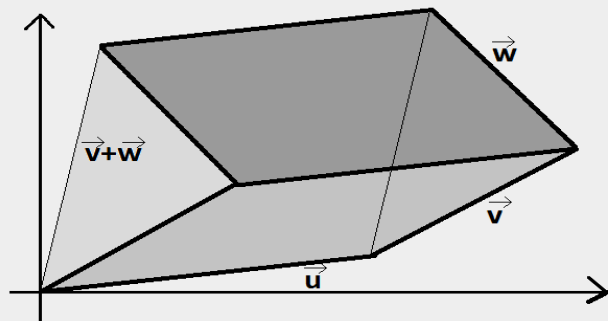
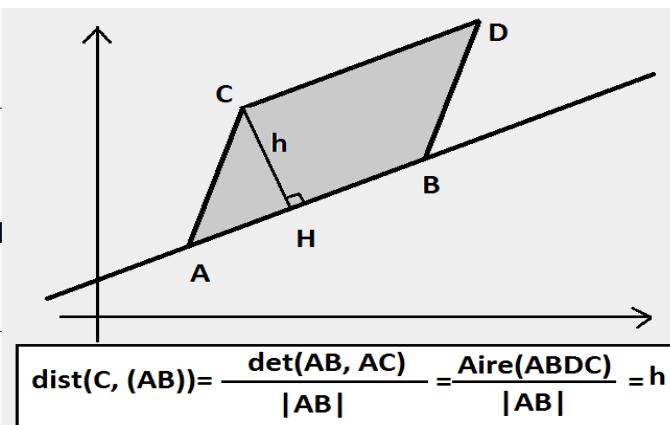
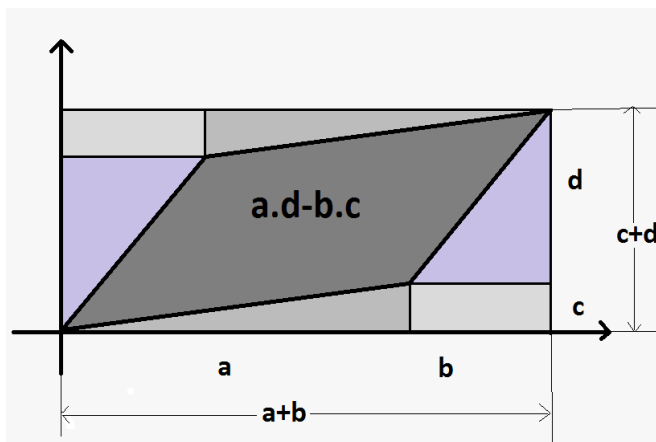
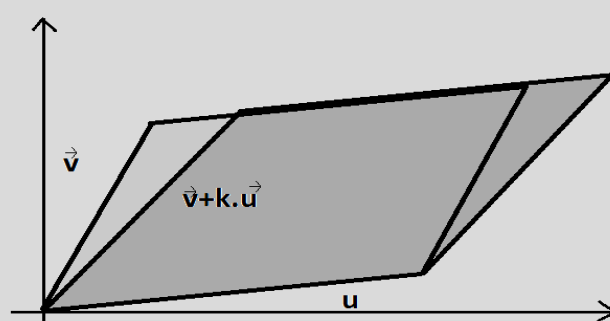
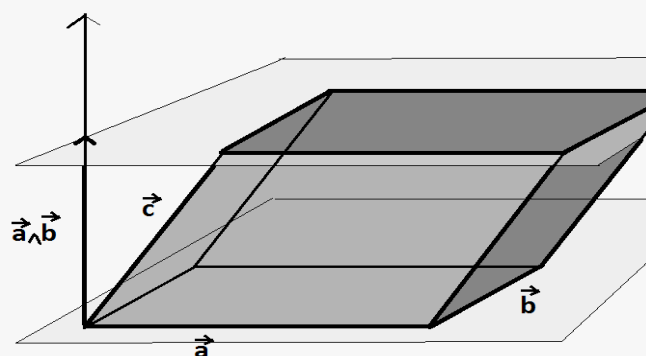
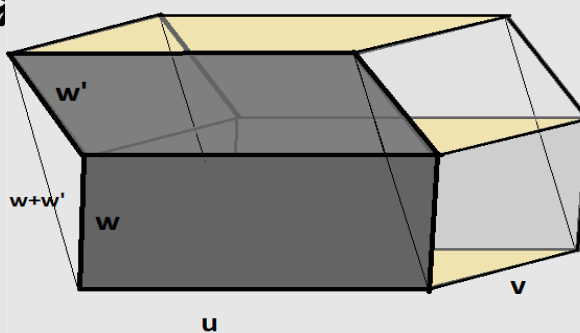
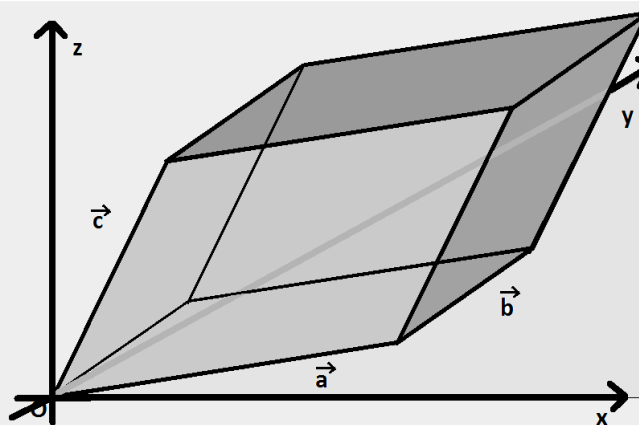




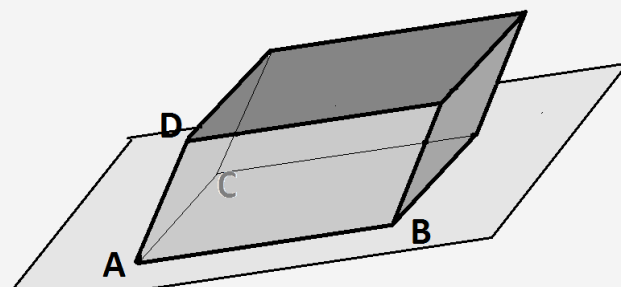
$$\det(\vec{u}, \vec{v} + \vec{w}) = \det(\vec{u}, \vec{v}) + \det(\vec{u}, \vec{w})$$



$$\det(\vec{u}, \vec{v} + k \cdot \vec{u}) = \det(\vec{u}, \vec{v})$$



$$\det(\vec{a}, \vec{b}, \vec{c}) = (\vec{a} \wedge \vec{b}) \cdot \vec{c}$$



$$\text{dist}(D, (ABC)) = \frac{\det(\vec{AB}, \vec{AC}, \vec{AD})}{|\vec{AB} \wedge \vec{AC}|}$$