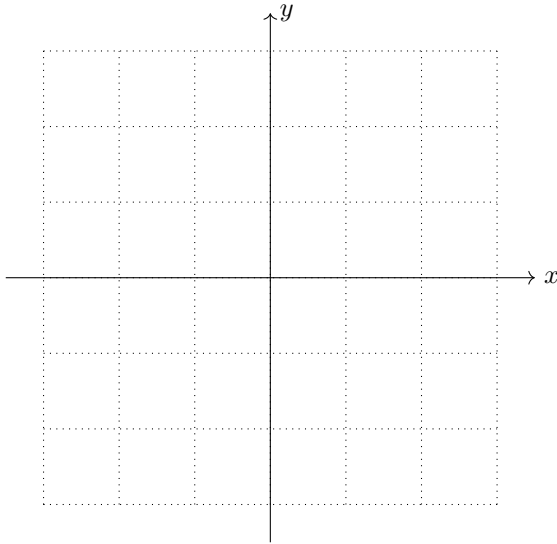


MATH 2D Prep: Vector Geometry

1. Given $\vec{u} = (1, 2)$, $\vec{v} = (-2, -1)$, draw vectors \vec{u} , \vec{v} , and $\vec{u} + \vec{v}$.



2. Suppose $\vec{u} = (1, 1)$, \vec{v} is in the same direction as \vec{u} , and $|\vec{v}| = |\vec{u}|^2$. Find \vec{v}