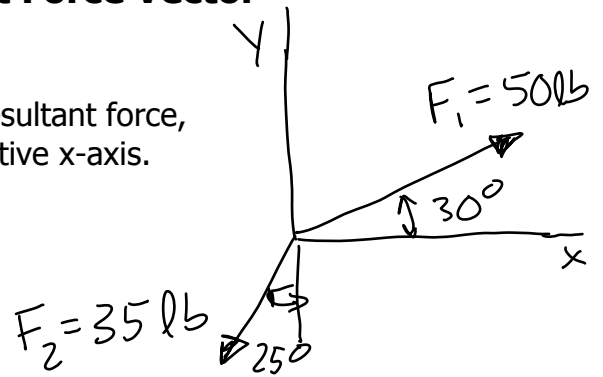


Determining the Resultant Force Vector

Problem Statement: Determine the magnitude of the resultant force, and its direction measured counter-clockwise from the positive x-axis.



- 1.) Draw and label all forces.
- 2.) Resolve each force into x and y components.
- 3.) Determine F_{Rx} and F_{Ry} .
- 4.) Solve for the resultant force its angle.