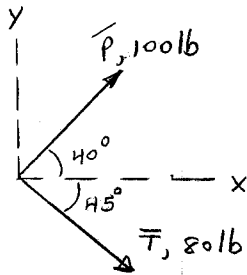
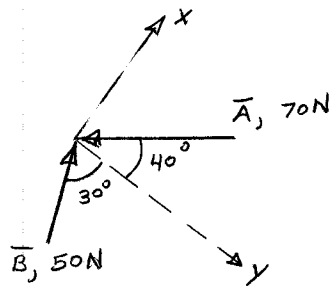


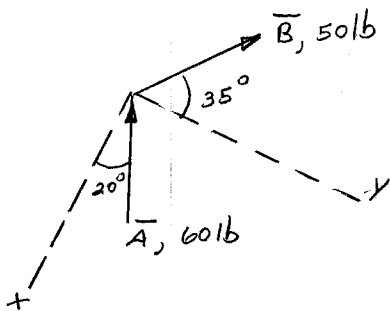
- 2A. Using the x-y coordinate system shown.
 Find the **i** and **j** components of force **P**.
 Find the **i** and **j** components of force **T**.
 Find the resultant force $\mathbf{R} = \mathbf{P} + \mathbf{T}$ in **i** and **j** component form



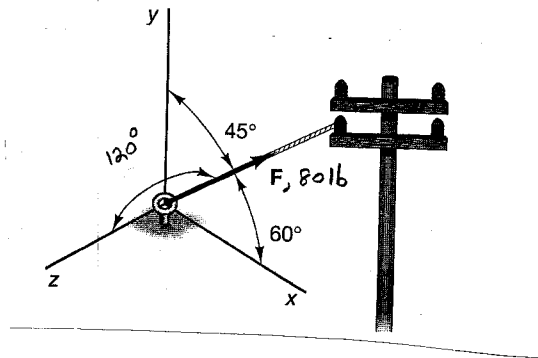
- 2B. Using the x-y coordinate system shown.
 Find the **i** and **j** components of force **A**.
 Find the **i** and **j** components of force **B**.
 Find the resultant force $\mathbf{R} = \mathbf{A} + \mathbf{B}$ in **i** and **j** component form



- 2C. Using the x-y coordinate system shown.
 Find the **i** and **j** components of force **A**.
 Find the **i** and **j** components of force **B**.
 Find the resultant force $\mathbf{R} = \mathbf{A} + \mathbf{B}$ in **i** and **j** component form



2D. Find the **i**, **j**, and **k** components for the force shown below.



2E. Find the **i**, **j**, and **k** components for the force shown below.
 Find the values of the direction cosine angles α , β , and γ associated with this force vector and draw them on the figure.

