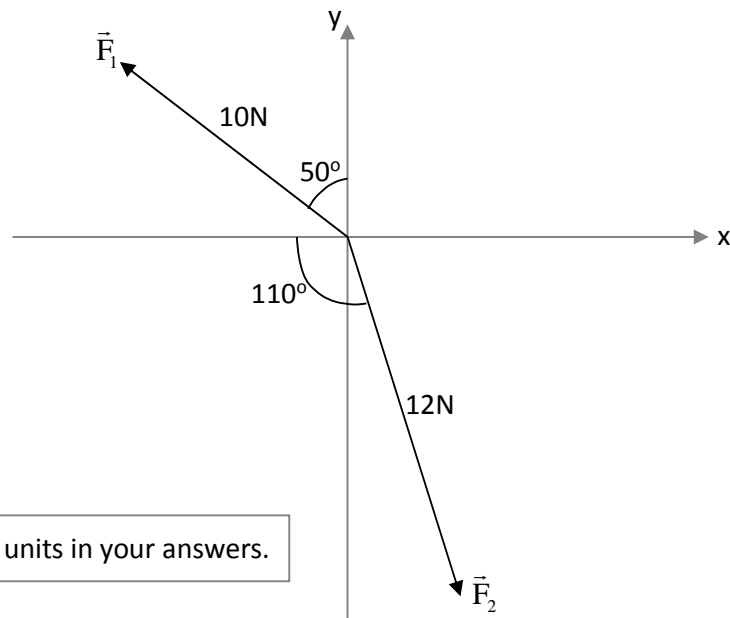


PHY 232 Fall 2014 Supplementary Work (will not be collected)
Class 1. Circular motion and gravitational law



Pay attention to units in your answers.

(a) Calculate the x- and y- components of \vec{F}_1 and \vec{F}_2 .

(b) Calculate $\vec{F}_1 + \vec{F}_2$ in terms of unit vectors \hat{i} and \hat{j} .

(c) Calculate the magnitude and describe the direction of $\vec{F}_1 + \vec{F}_2$.