

Graphical Analysis of Vectors

Utilize the 7 steps of solving for “graphical analysis” of vectors. When you get to step 7 draw the vector diagram freehand to the best of your ability.

1. $F_1 = 110. \text{ N at } 60.^\circ$
 $F_2 = 85 \text{ N at } 190.^\circ$

2. $F_1 = 75 \text{ N at } 10.^\circ$
 $F_2 = 65 \text{ N at } 300.^\circ$

3. $F_1 = 85 \text{ N at } 100.^\circ$
 $F_2 = 65 \text{ N at } 340.^\circ$

4. $F_1 = 85 \text{ N at } 15^\circ$
 $F_2 = 70. \text{ N at } 160.^\circ$