

Graphical Analysis of Vectors - d

Utilize the 7 steps of solving for “graphical analysis” of vectors. When you get to step 7 draw the vector diagram with ruler and protractor.

1. $F_1 = 55. \text{ N at } 165.^{\circ}$
 $F_2 = 45 \text{ N at } 25^{\circ}$

2. $F_1 = 55 \text{ N at } 120.^{\circ}$
 $F_2 = 45 \text{ N at } 290.^{\circ}$

3. $F_1 = 45 \text{ N at } 300.^{\circ}$
 $F_2 = 65 \text{ N at } 170.^{\circ}$

4. $F_1 = 55 \text{ N at } 75^{\circ}$
 $F_2 = 40. \text{ N at } 190.^{\circ}$