

Graphical Analysis of Vectors

Chpt 4 rev a

All measurements are significant to the nearest units place.

Solve the following vectors using the graphical method (ruler and protractor) and using the Sum of the X's and Y's:

1. 110 km/hr at 90°
85 km/hr at 190°

2. 75 N at 0°
65 N at 260°

3. 85 N at 240°
65 N at 340°

4. 85 N at 15°
70 N at 160°

5. 55 N at 350°
65 N at 280°
75 N at 190°

6. 85 N at 200°
75 N at 285°
95 N at 80°

7. 50 N at 250°
67 N at 45°
85 N at 190°

8. 87 N at 170°
95 N at 10°