

6) Add the following vectors and determine the resultant.

5.0 m/s, 45 deg and 2.0 m/s, 180 deg

7) Add the following vectors and determine the resultant.

6.0 m/s, 225 deg and 2.0 m/s, 90 deg

8) Add the following vectors and determine the resultant.

4.0 m/s, 135 deg and 4.0 m/s, 315 deg

9) Add the following vectors and determine the resultant.

5.0 m/s, 45 deg and 2.5 m/s, 135 deg

10) Add the following vectors and determine the resultant.

7.0 m/s, 0 deg and 2.0 m/s, 90 deg