

1. Define component -
2. Define resultant -
3. When do you add components to get the resultant?
When do you subtract them?
4. Find the resultant of the following using the head to tail method. Write the complete answer in the boxes.
 - a. 11 units, S and 6 units, W
 - b. 7.5 units, N and 3.5 units, E
 - c. 500 units, W and 400 units, N
 - d. 7 units, E and 12 units, S

The grid contains four rectangular boxes for answers, labeled a, b, c, and d. Box 'a' is located in the upper left quadrant, box 'b' in the upper right, box 'c' in the lower left, and box 'd' in the lower right.