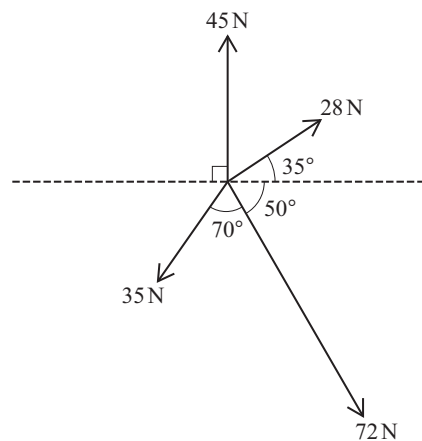




Find, in either order, the magnitude and direction of the resultant force. [6]

1

7

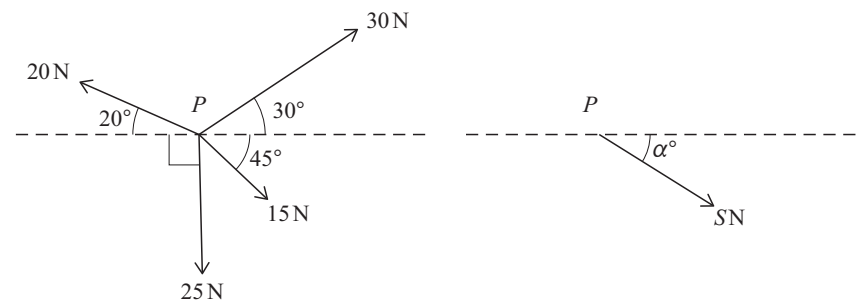


Fig. 7.1

Fig. 7.2

(a) Find the value of S and the value of α . [6]

[illegible]

[5]

If you use the following page to complete the answer to any question, the question number must be clearly shown.

Find the value of P and the value of Q . [4]

[illegible]