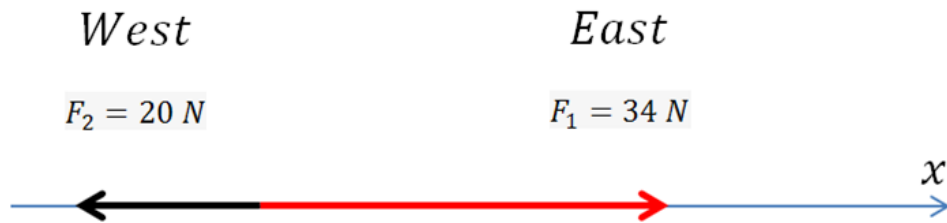


Question. $34\text{N}[\text{E}] + 20\text{N}[\text{W}]$.

Given. $F_1 = 34\text{ N}$, East; $F_2 = 20\text{ N}$, West.

Find. $F - ?$

Solution.



Hence

$$F = F_1 - F_2 = 34 - 20 = 14\text{ N}, \text{East}.$$

Answer. $F = 14\text{ N}$, East.

Answer provided by <https://www.AssignmentExpert.com>