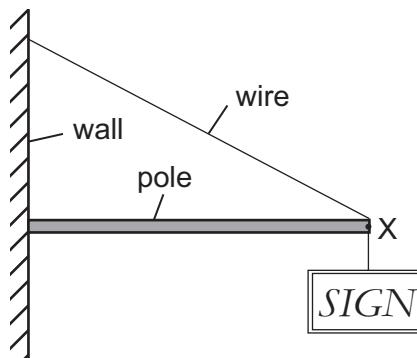


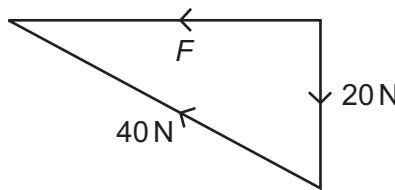
- 14 The diagram shows a sign of weight 20 N suspended from a pole, attached to a wall. The pole is kept in equilibrium by a wire attached at point X of the pole.



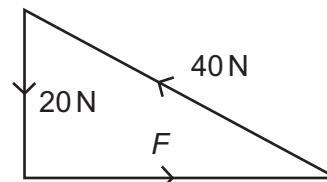
The force exerted by the pole at point X is F , and the tension in the wire is 40 N.

Which diagram represents the three forces acting at point X?

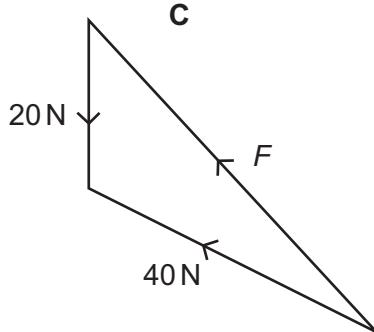
A



B



C



D

