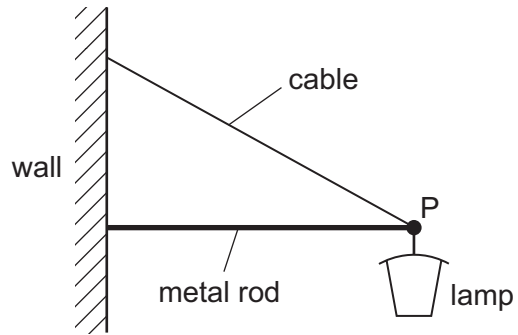
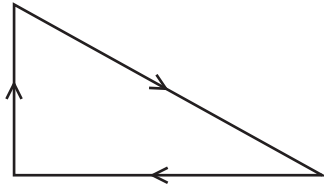


13 A street lamp is fixed to a wall by a metal rod and a cable.

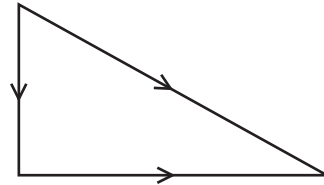


Which vector triangle could represent the forces acting at point P?

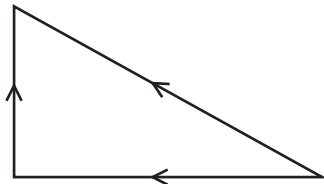
A



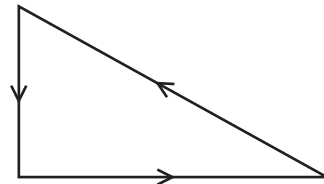
B



C



D



14 The right-angled triangle XYZ is fixed to a horizontal ceiling by a cable XY . Each side of the triangle is 10 cm long. The weight of the triangle is 10 N. The weight acts at the midpoint of the hypotenuse YZ . The triangle is in equilibrium.