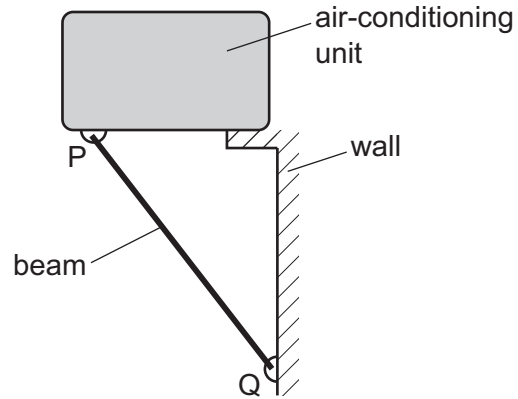
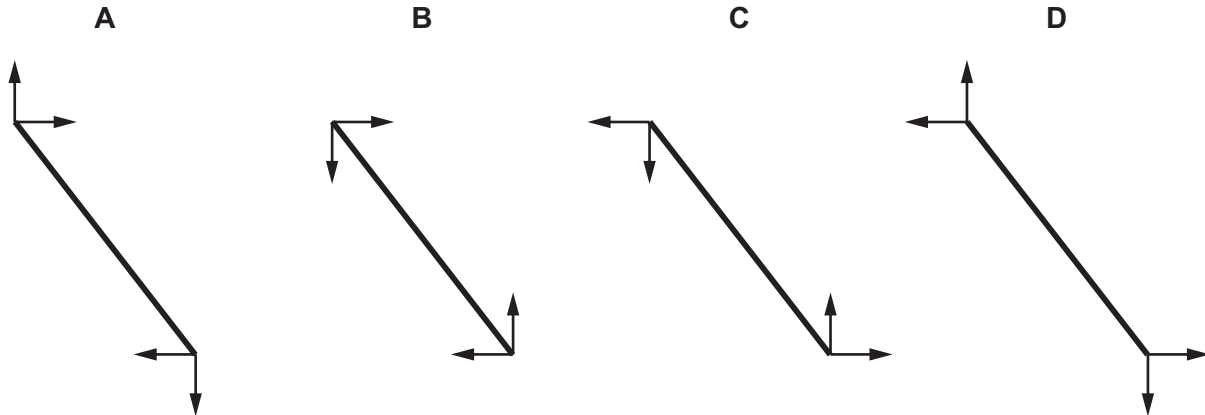


16 An air-conditioning unit is supported by a rigid beam PQ, as shown.



Which diagram shows the directions of the horizontal and vertical forces acting on the ends of the beam?



17 A ball is suspended from a ceiling by a string. The string is attached to the ball at point P and to the ceiling at point Q. The ball is suspended from the ceiling by a string. The string is attached to the ball at point P and to the ceiling at point Q. The ball is suspended from the ceiling by a string. The string is attached to the ball at point P and to the ceiling at point Q.