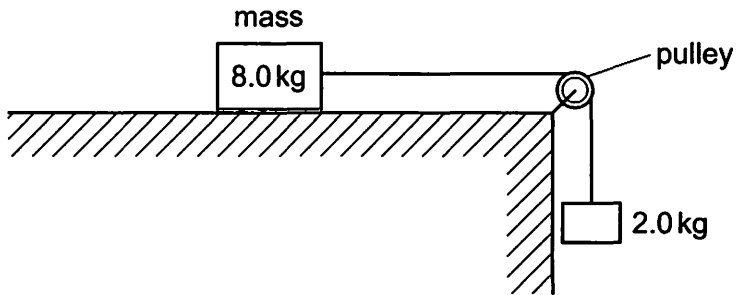


- 9 A mass of 8.0 kg, resting on a horizontal plane, is connected to a hanging mass of 2.0 kg. There is a frictional force of 5.0 N acting between the 8.0 kg mass and the plane.



What is the acceleration of the 8.0 kg mass?

- A 1.5ms^{-2} B 1.8ms^{-2} C 2.0ms^{-2} D 2.5ms^{-2}

- 10 Two forces X (horizontal) and Y (vertical) act on a body. The body is held in equilibrium by a third