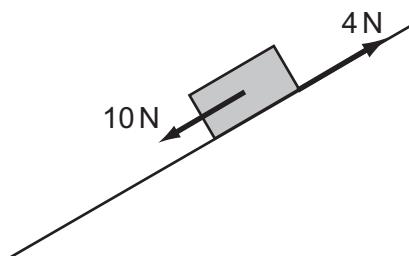


- 11** A brick weighing 20 N rests on an inclined plane. The weight of the brick has a component of 10 N parallel with the plane. The brick also experiences a frictional force of 4 N.



What is the acceleration of the brick down the plane? Assume that the acceleration of free fall g is equal to 10 ms^{-2} .

- A** 0.3 ms^{-2} **B** 0.8 ms^{-2} **C** 3.0 ms^{-2} **D** 8.0 ms^{-2}

Space for working