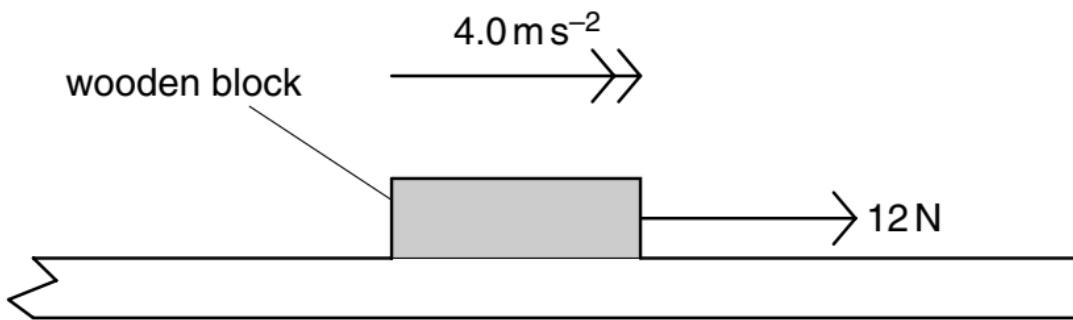


- 10 A wooden block of mass 0.60 kg is on a rough horizontal surface. A force of 12 N is applied to the block and it accelerates at 4.0 m s^{-2} .



What is the magnitude of the frictional force acting on the block?

- A 2.4 N
- B 9.6 N
- C 14 N
- D 16 N

- 11 A body, initially at rest, explodes into two masses M_1 and M_2 that move apart with speeds v_1 and v_2 .