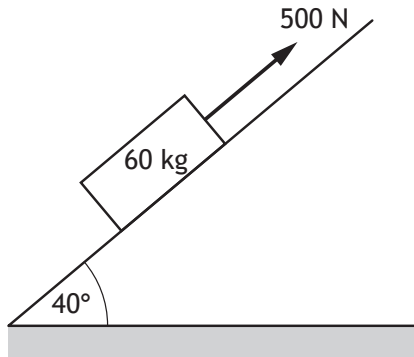


4. A pulling force of 500 N is applied to a 60 kg block on a slope as shown.



The maximum acceleration of the block is

- A 2.0 m s^{-2}
- B 5.4 m s^{-2}
- C 6.3 m s^{-2}
- D 7.5 m s^{-2}
- E 8.3 m s^{-2} .