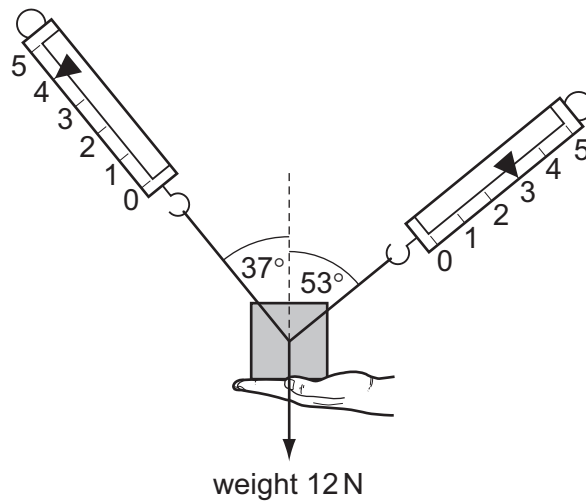


14 A 1.2 kg mass is supported by a person's hand and two newton-meters as shown.



When the person's hand is removed, what is the initial vertical acceleration of the mass?

A 0.6 ms^{-2}

B 2 ms^{-2}

C 4 ms^{-2}

D 6 ms^{-2}

Space for working