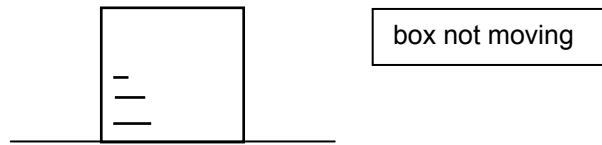


1

- (a) A box is sitting on a level floor. It is not moving.



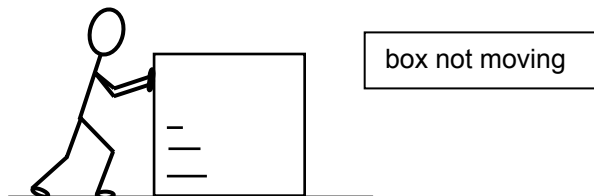
Is there a friction force acting on the box?

Tick ONE box (✓)

yes

no

- (b) A furniture remover is pushing the box. But it is not moving.



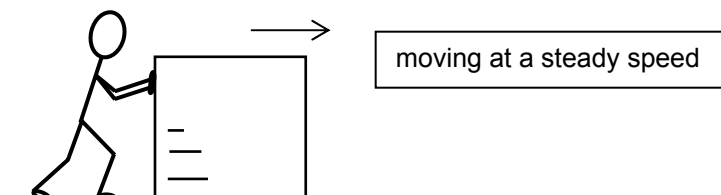
Is there a friction force acting on the box?

Tick ONE box (✓)

yes

no

- (c) The furniture remover is now pushing the box harder. It is moving along at a steady speed.



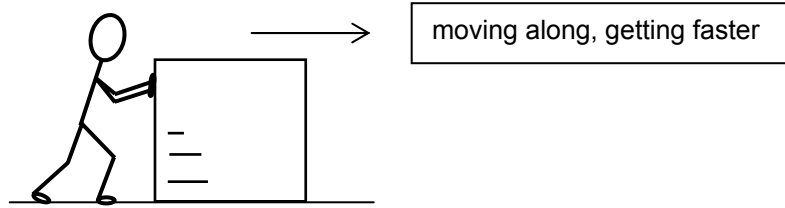
Is there a friction force acting on the box?

Tick ONE box (✓)

yes

no

- (d) The furniture remover pushes even harder. The box moves along, getting faster as it goes.



Is there a friction force acting on the box?

Tick *ONE* box (✓)

yes

no