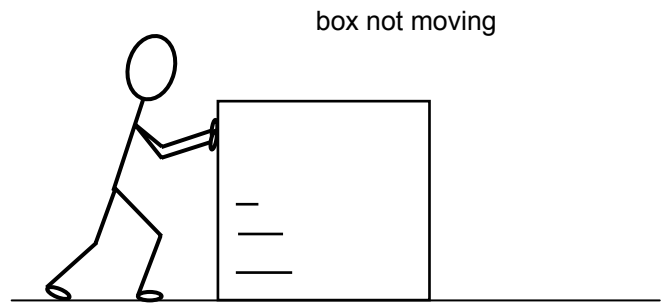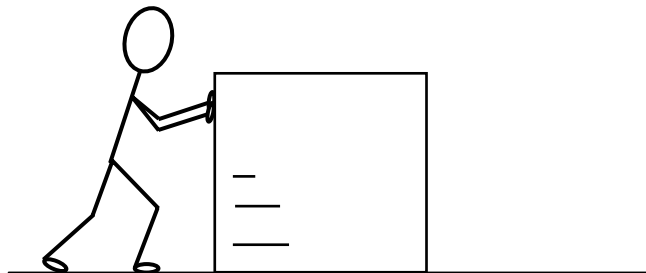**21**

box not moving

A construction worker is pushing a heavy box to move it across the floor.
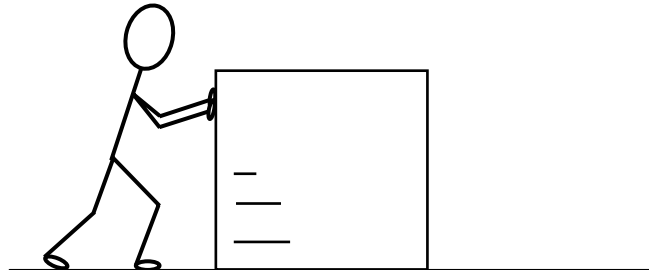
But the box is **not moving**.

(a) On this diagram, mark with an arrow **the force exerted by the construction worker on the box.**

(b) On this diagram, mark with an arrow **the force exerted by the floor on the box (the friction force on the box).**

(c) Is there a **force exerted by the box on the construction worker?**_____

If you think there is, mark it with an arrow on the diagram below.