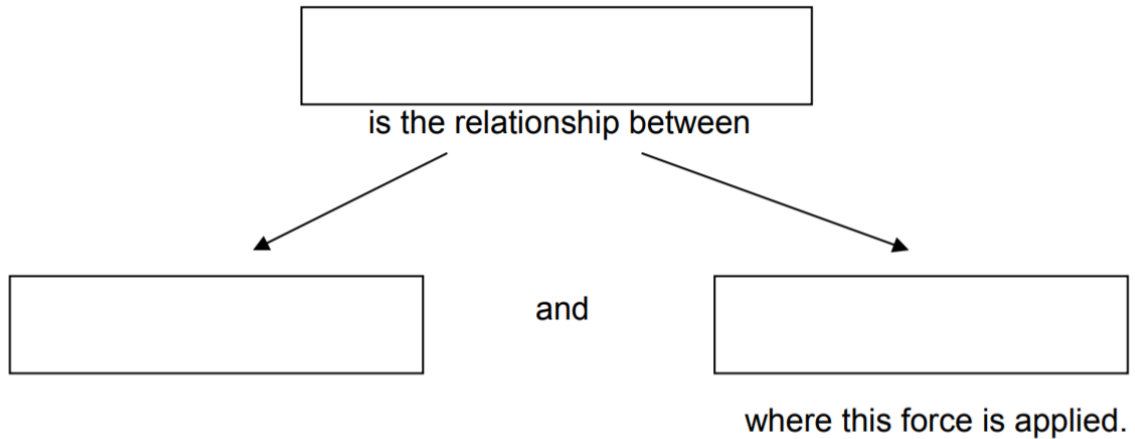


PRESSURE: definition

Task 1. Complete the diagram showing the definition of pressure graphically.

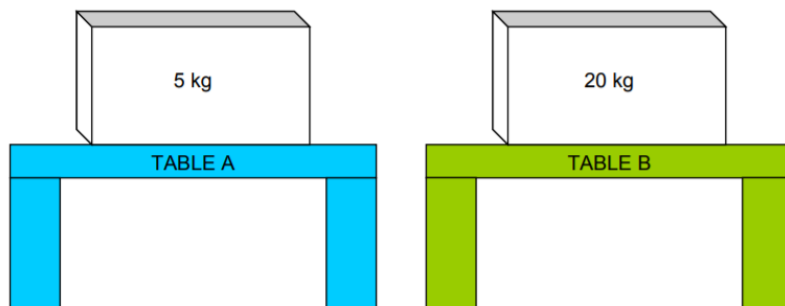


Task 2. Relationship between FORCE and PRESSURE. Which sentence is the correct one?

The higher (↑) the force, the higher (↑) the pressure.

The higher (↑) the force, the lower (↓) the pressure.

So, taking into account that the weight is a type of force, which table supports more pressure? _____ Why? _____

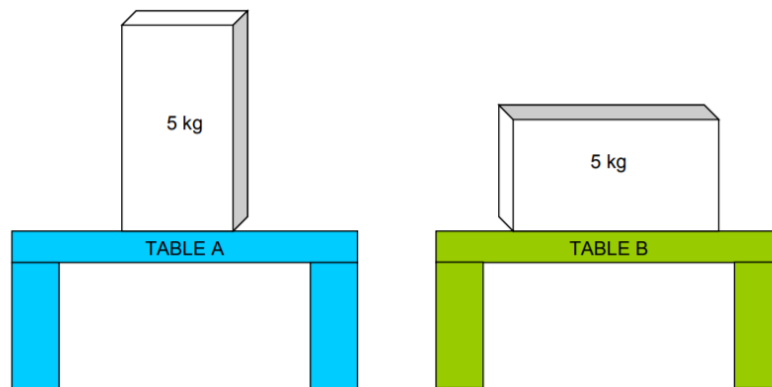


Task 3. Relationship between SURFACE and PRESSURE. Which sentence is the correct one?

The bigger (↑) the surface, the higher (↑) the pressure.

The smaller (↓) the surface, the higher (↑) the pressure.

So, which table supports more pressure? _____ Why? _____



Task4. Answer the following questions regarding the examples of the Kahoot. Use these key words:

Because – Force – Pressure – To spread – Surface – Weight

Sth exerts
pressure on sth

1. Why do the snowshoes **exert** less pressure on the snow?

Because the force (the weight of the man in the snowshoes) is spread on a big surface.

2. Why does the heel of the high-heeled shoes **exert** more pressure on your foot?

3. Why does the thin man **exert** less pressure on the floor?
