

Which is a unit of pressure?

- A) gram
- C) newtons
- B) kilopascals
- D) kilograms

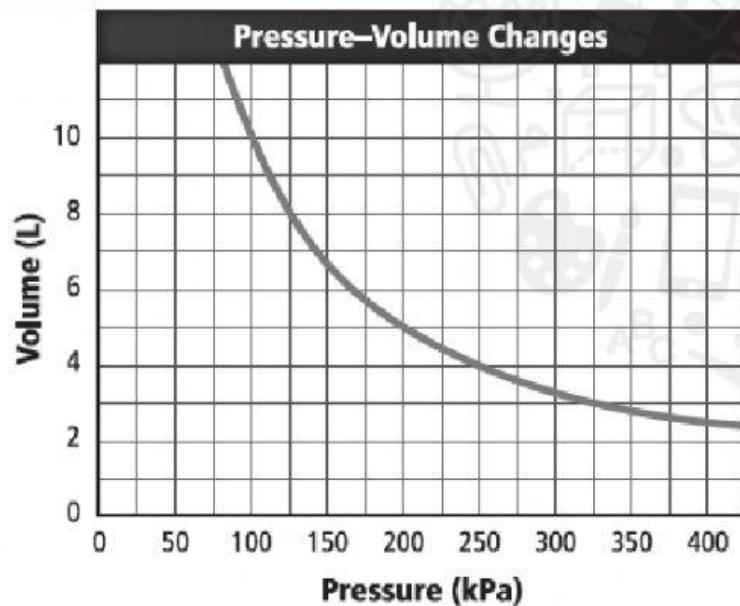


What force does the upward arrow in the diagram above represent?

- A) pressure
- C) buoyant force
- B) density
- D) gravitational force

Which uses Pascal's principle?

- A) aerodynamics
- C) hydraulic lift
- B) buoyancy
- D) changes of state



2. What is the volume of the gas when the pressure on the gas is 325 kPa?

- A. 1 L
- B. 2 L
- C. 3 L
- D. 4 L

Which scientific concept does this graph best represent?

- A. Boyle's law
- B. Charles's law
- C. Pascal's principle
- D. Bernoulli's principle