

Fluids Matching

This activity was created by Kajal.

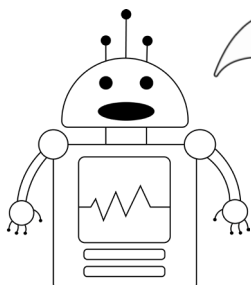
Draw a line from the definition in Column A to the correct answer in Column B.

COLUMN A

- 1 Having particles that easily move and change their relative position without a separation of the mass, and particles that easily yield to pressure. Capable of flowing.
- 2 The property of resistance to flow in any material with fluid properties.
- 3 The motion characteristic of fluids.
- 4 The distribution of a quantity (such as mass, electricity, or energy) per unit usually of space (such as length, area, or volume).
- 5 A theory that helps describe the behavior of matter. It has five parts.
- 6 The upward force exerted by any fluid upon a body placed in it.
- 7 The action of a force against an opposing force.
- 8 The ability of something (such as a fluid) to be reduced in volume or size under pressure.
- 9 Operated, moved, or effected by means of water.
- 10 Moved or worked by air pressure.

COLUMN B

- A PARTICLE THEORY OF MATTER
- B VISCOSITY
- C DENSITY
- D PRESSURE
- E FLUID
- F PNEUMATIC
- G COMPRESSIBILITY
- H BUOYANT FORCE
- I FLOW
- J HYDRAULIC



Most of the terms in column B are **variables** that we can use to describe a specific fluid. For example, a fluid might be described by its viscosity, density, and pressure - but each of these variables will have a specific **value** depending on the fluid in question.