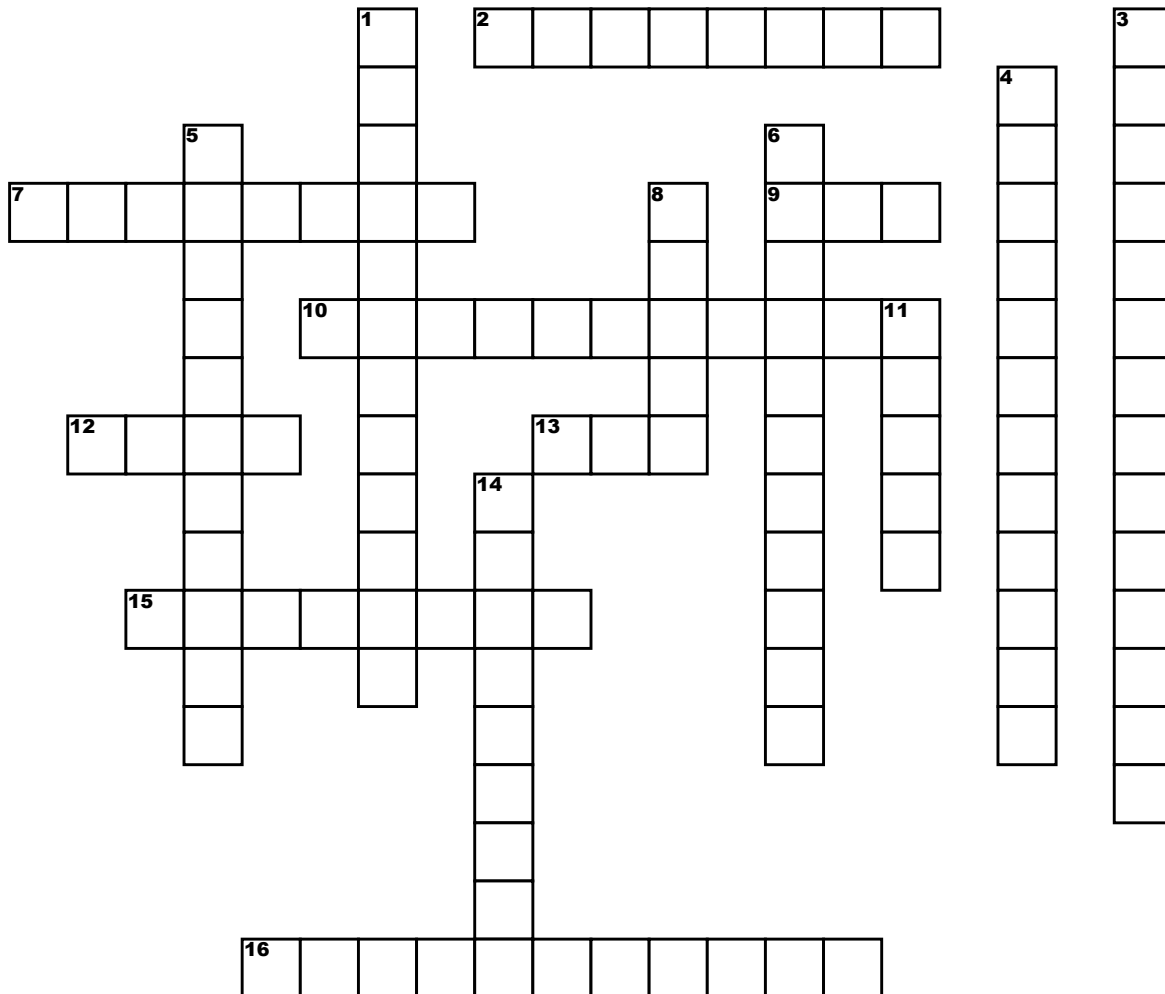


# Intro. to Thermodynamics



## Across

**2.** What type of system that allows no energy and mass to cross boundary ?

**7.** Separates the system from its surrounding.

**9.** How many properties are needed to specified the simple compressible system ?

**10.** Path of the system close to equilibrium.

**12.** A system that allows the mass and energy to flow outside of the boundary.

**13.** Unity conversion ratios always equal to

**15.** SI unit for mass.

**16.** A condition of balance characterized by the absence of driving potential.

## Down

**1.** Everything outside of system.

**3.** Characteristic of closed system.

**4.** What pressure do you get by subtracting P atmospheric from P absolute ?

**5.** What do you call property of a system that is independent of mass ?

**6.** What type of thermodynamics approach that study the average behaviour of individual particles ?

**8.** What is the SI unit for length ?

**11.** A process during which the initial and final states are identical.

**14.** This type thermodynamics use macroscopic approach.