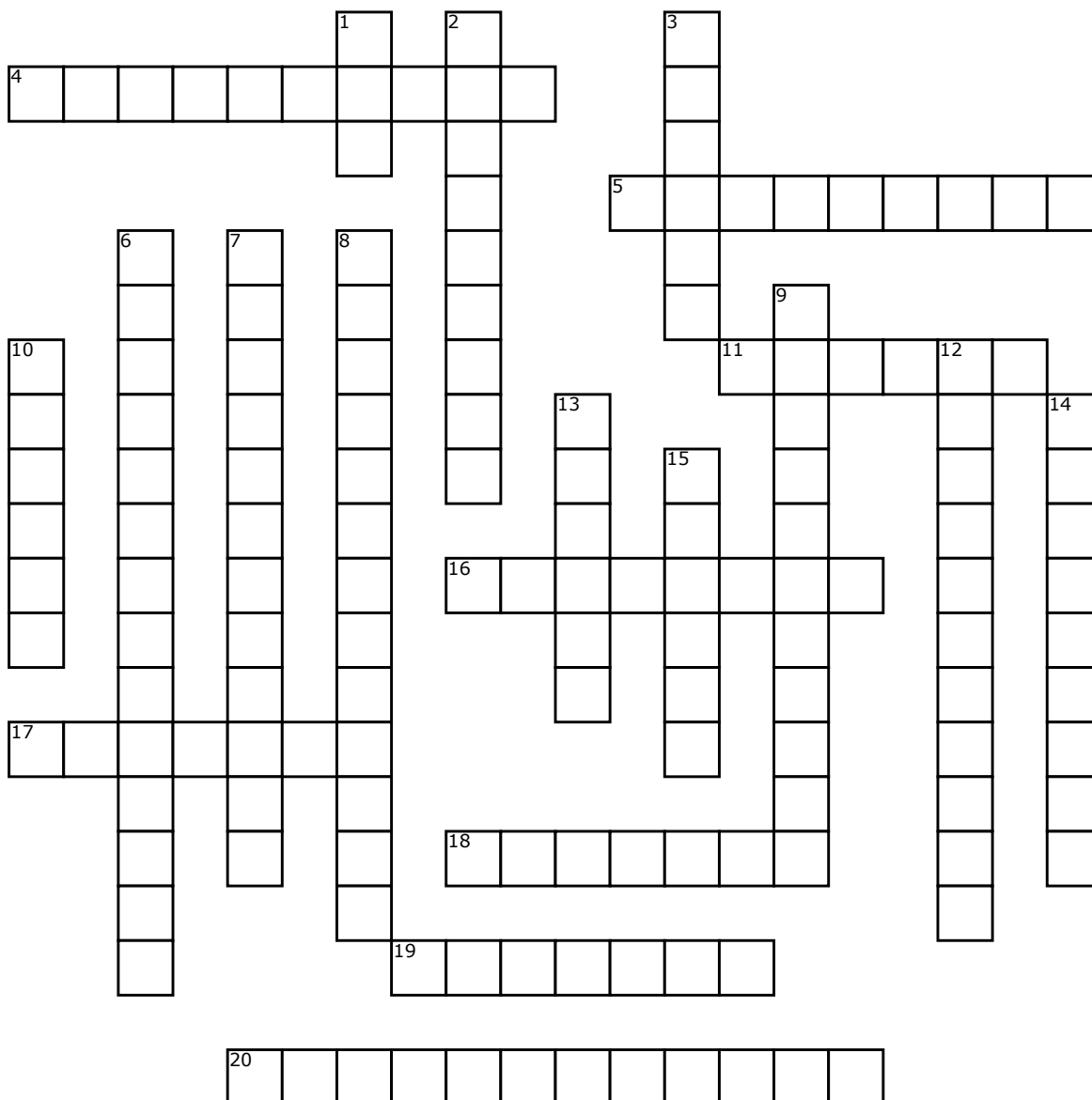


Gas Laws Crossword - Abigahile Bruny



Across

- 4.** Water in the form of a gas
5. In Boyle's Law, at a constant temperature, the volume of the gas increases as the pressure _____.
11. _____ is the unit measurement for temperature
16. A force pressing or expanding on another.
17. _____ law states the direct relationship between the volume and temperature of a gas at constant pressure.
18. A relationship in which one variable decreases when
19. A real gas is a gas that does not behave as an ideal gas because of the interactions between gas molecules.
20. Temperature of -273.15 C given a value of zero in the Kelvin Scale

Down

- 1.** A substance or matter in a state in which it will expand freely to fill the whole of a container, having no fixed shape.
2. The Kinetic _____ Theory explains the behavior of matter in terms of particles that are in constant motion
3. The relationship between two variables that shows the same effect.
6. The Law that describes the relationship among the pressure, temperature, and volume of a gas.
7. The volume and amount (moles) of gas are directly proportional ==> $V_1 n_2 = V_2 n_1$
8. When the volume is constant, as pressure increases, temperature increases

- 9.** The average kinetic energy of individual particles.

- 10.** Heating up the molecules of a gas allow the particles to move _____.
12. The relationship $PV = nRT$, which describes the behavior of an ideal gas.
13. The unit of measurement used to describe volume in Ideal Gas Law
14. An instrument that measures atmospheric pressure.
15. _____ is the SI unit of pressure