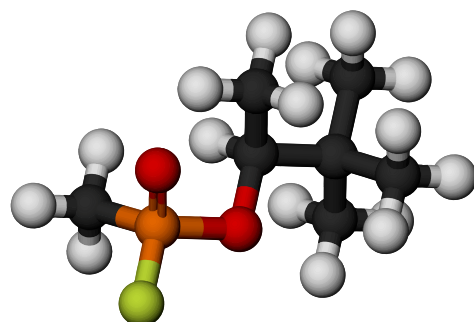
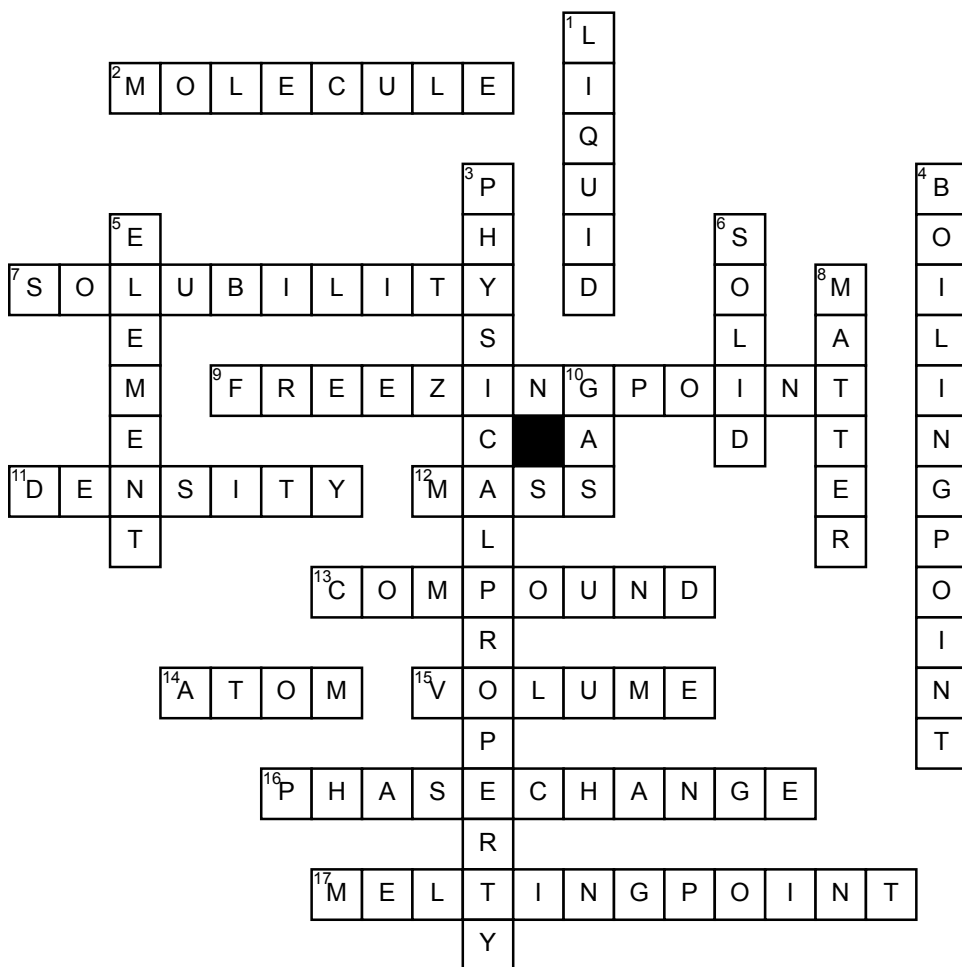


# Properties of Matter



## Across

- 2.** A single unit of a compound or a group of elements bonded together
- 7.** The amount of a solute that can be dissolved into a liquid (solvent) in a given situation
- 9.** Temperature at which a substance freezes
- 11.** Amount of mass per unit of volume
- 12.** A measure of the total amount of matter contained within an object
- 13.** A chemical substance of two or more atoms of elements bonded together

- 14.** The smallest unit in an element

- 15.** A measure of the amount of space an object fills
- 16.** A change from one state of matter to another
- 17.** Temperature at which a solid melts

## Down

- 1.** state of matter composed of freely moving molecules that do not separate
- 3.** Property of a substance that can be measured without changing chemical properties

- 4.** Temperature at which a substance boils
- 5.** Basic building block of physical matter; cannot be broken down to a simpler substance
- 6.** state of matter composed of tightly packed molecules
- 8.** Composes any physical substance
- 10.** state of matter composed of freely moving molecules capable of indefinite expansion