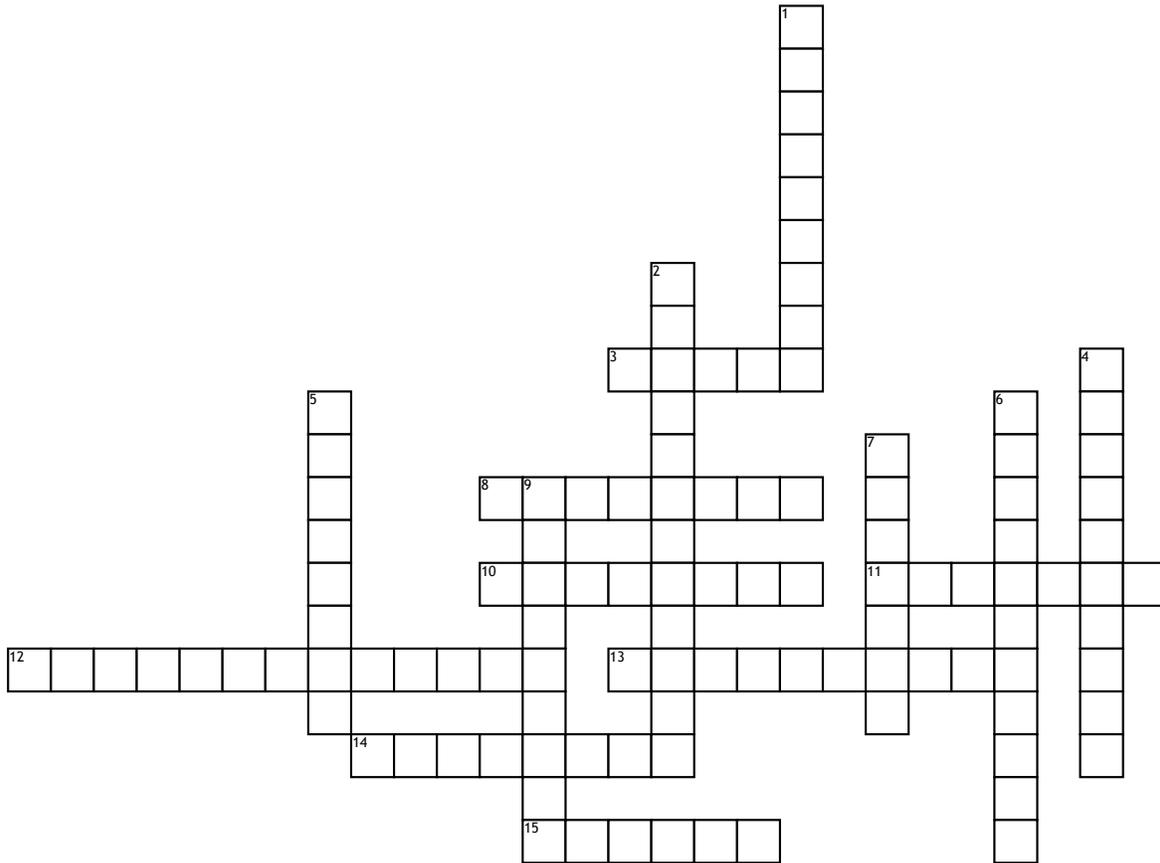


# Science Chapters 9 & 10



**Across**

**3.** Smallest unit that takes up matter

**8.** The same element but with different numbers of neurons

**10.** Unit of matter in which all the atoms have the same identity

**11.** Electrons in the outer shell

**12.** Scattering of light particles

**13.** Mixtures that are the same throughout

**14.** Heterogenous mixture which the suspended particles never settle

**15.** What is being dissolved

**Down**

**1.** Made of atoms of 2 or more elements that are combined

**2.** Mixture that is not as uniform throughout

**4.** The weighted average of the isotopes

**5.** Composition of 2 or more substances that are not chemically combined

**6.** A heterogenous mixture containing liquid in which visible particles settle out

**7.** What does the dissolving

**9.** Homogenous mixtures; does not exhibit the Tyndall effect