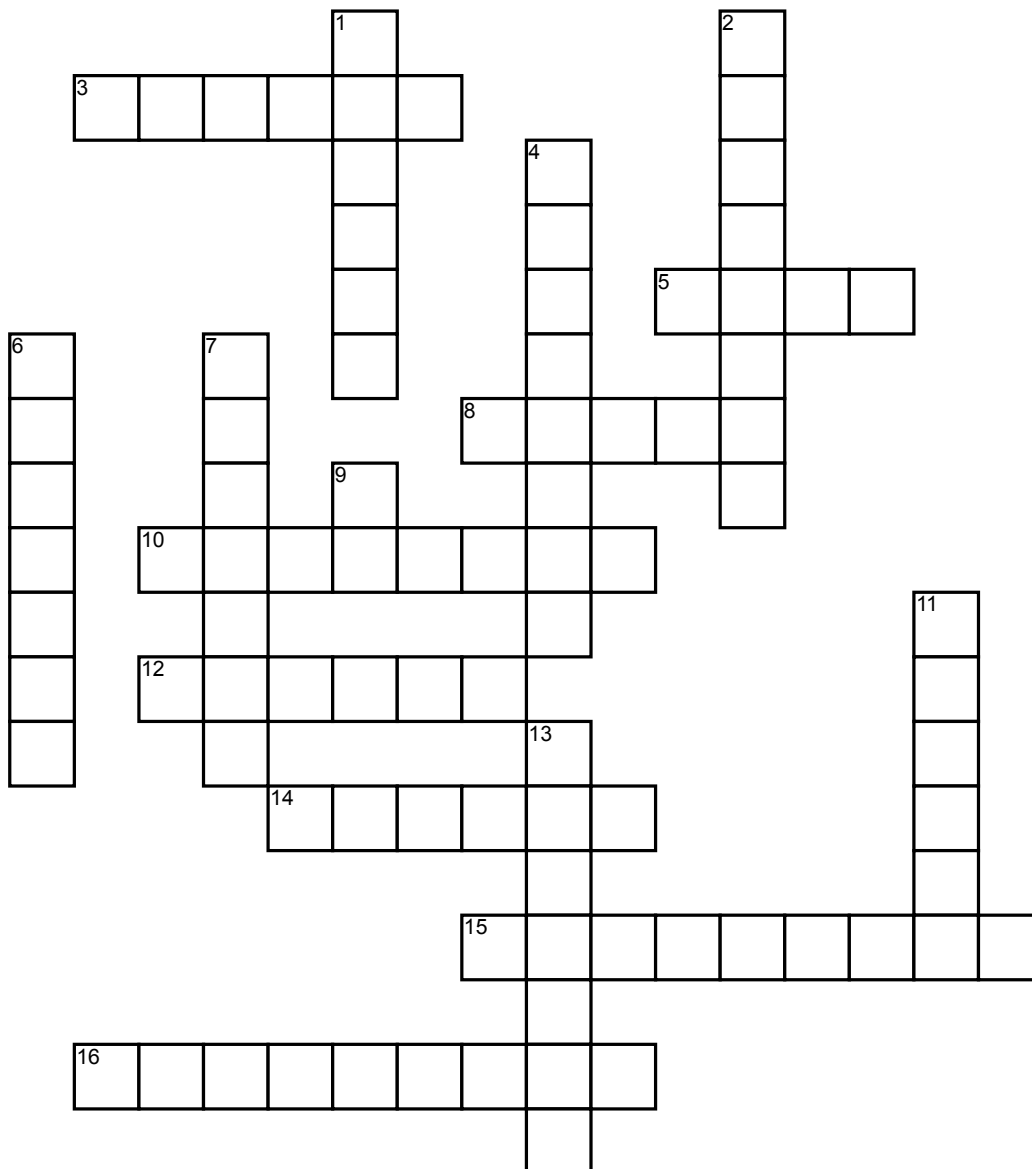


# Atoms and Elements Crossword



## Across

**3.** There are of these in Carbon Dioxide (CO<sub>2</sub>)

**5.** A key metal in the formation of Haemoglobin, the substance in red blood cells that carries oxygen

**8.** This element is in period 2, group 3

**10.** Has the atomic number of seven

**12.** Has an electronic configuration of 2,8,1

**14.** If  $n=8$ , this element has  $2n$  protons and a mass of  $4n$

**15.** These orbit the dense central nucleus in shells

**16.** This metal has 13 protons, 14 neutrons and is used to make aircraft

## Down

**1.** Pennywise the clown used balloons filled with this to float away

**2.** A green gas that killed many soldiers in World War 1

**4.** The simplest element

**6.** The element between Potassium and Scandium

**7.** The nucleus contains 14 protons

**9.** The chemical symbol for Argon

**11.** This element makes diamonds and the graphite in your pencil

**13.** The ??? contains neutrons and protons