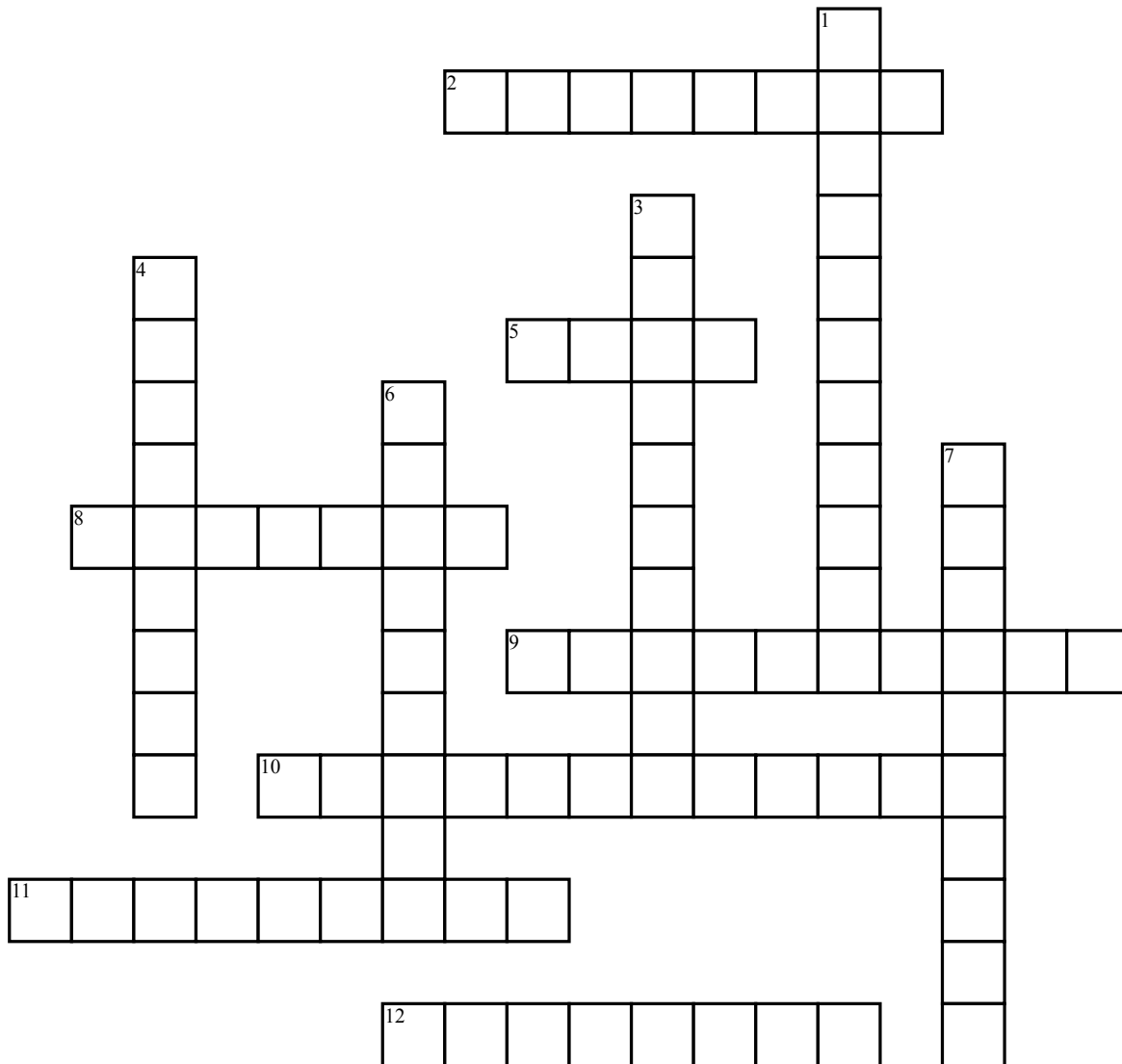


# Atomic Theory



## Across

**2.** discovered neutrons

**5.** electrons are in circular paths

**8.** arranged atoms by atomic number using wavelengths and x-rays

**9.** nucleus center and tiny electrons moved in space around it

**10.** what the periodic table order is based on

**11.** Plum pudding model

**12.** Oil drop experiment

## Down

**1.** wave mechanical model. furthered the idea that electrons are in clouds

**3.** Elements consist of atoms and compounds are collection of atoms

**4.** electrons move in waves rather than straight circular paths

**6.** orbits the nucleus and has a negative charge

**7.** matter is composed of empty space