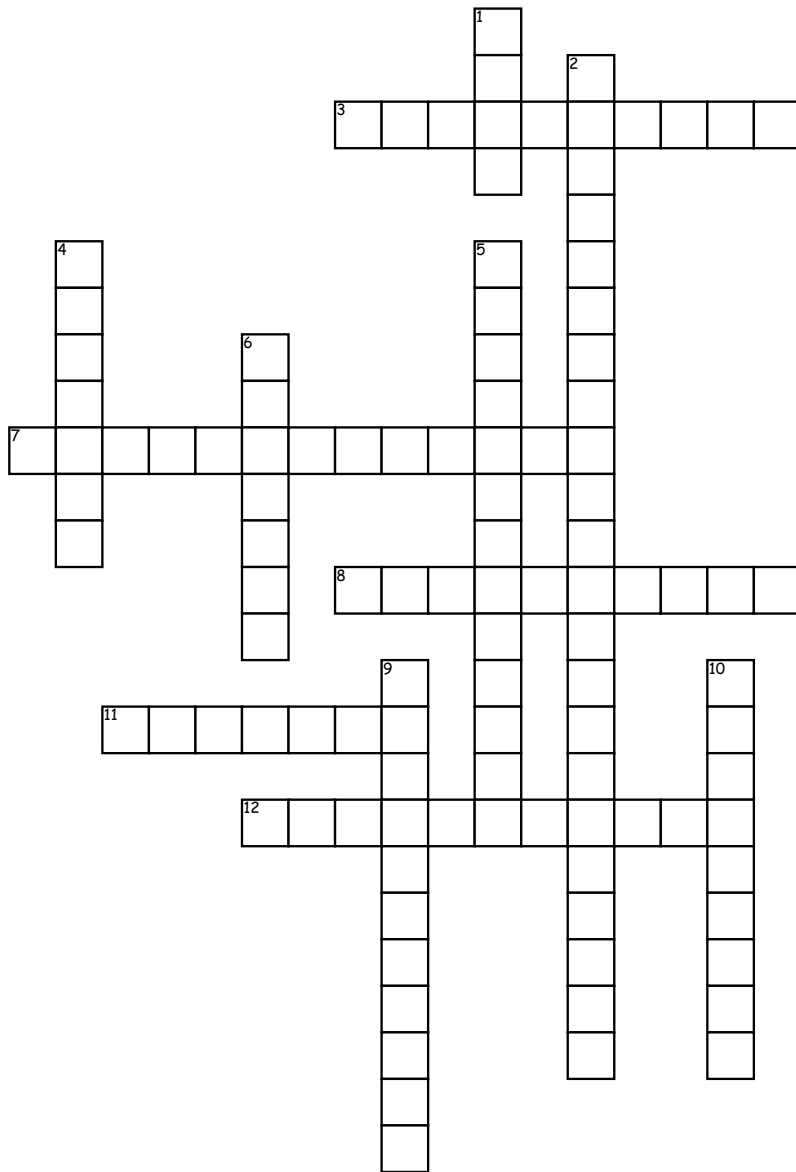


# Vocabulary Crossword 10/12



## Across

- 3.** One that provided more detailed description of the atom's structure.
- 7.** Wave-like behavior of an electron around the nucleus in an atom
- 8.** Proposed an explanation for the law of conservation of mass, the law of definite proportions, and law of multiple proportions.

- 11.** Believed negative electrons would spread evenly throughout the positive charge of the rest of the atom.
- 12.** Stated matter can be classified as particles and waves. Also assisted with the atomic theory.

## Down

- 1.** Proposed a model which electrons surrounded the positively charged nucleus.
- 2.** The orbitals are describe the location of the electrons in the electron cloud.

- 4.** The charge of an electron, describes energy in an atom.
- 5.** Cloud of negative charge, the area where electrons go around the nucleus of the atom.
- 6.** Made of protons and electrons
- 9.** Describes the state of electrons in atoms.
- 10.** Predicted the wave nature of electrons and had contributed to the Quantum Theory.