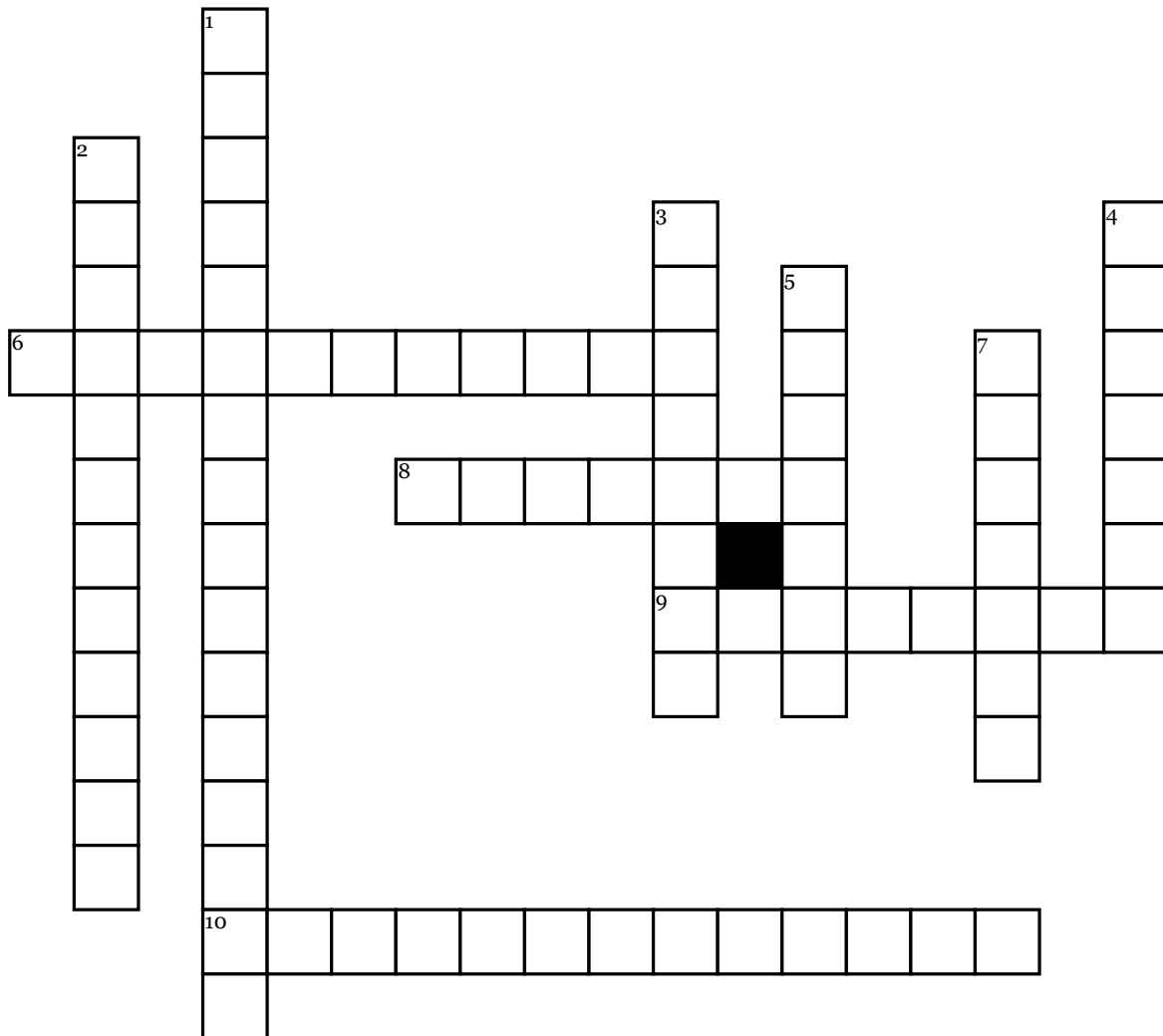


Chapter 4 - Atomic Structure



Across

- 6.** Lowest possible potential energy
- 8.** No more than two electrons in an atomic nucleus as in a molecule
- 9.** A subatomic particle of about the same mass as a proton but without an electric charge
- 10.** The region of negative charge surrounding an atomic nucleus

Down

- 1.** What atomic structure did J.J Thomson create?

- 2.** The possible location around an atom that electrons have specific energy levels
- 3.** A stable subatomic particle with a charge of negative electricity
- 4.** Positively charged subatomic particle that is found in the nucleus of an atom
- 5.** Most of an atoms mass is located in its what?
- 7.** Atoms have the same number of protons but different number of neutrons in their nuclei