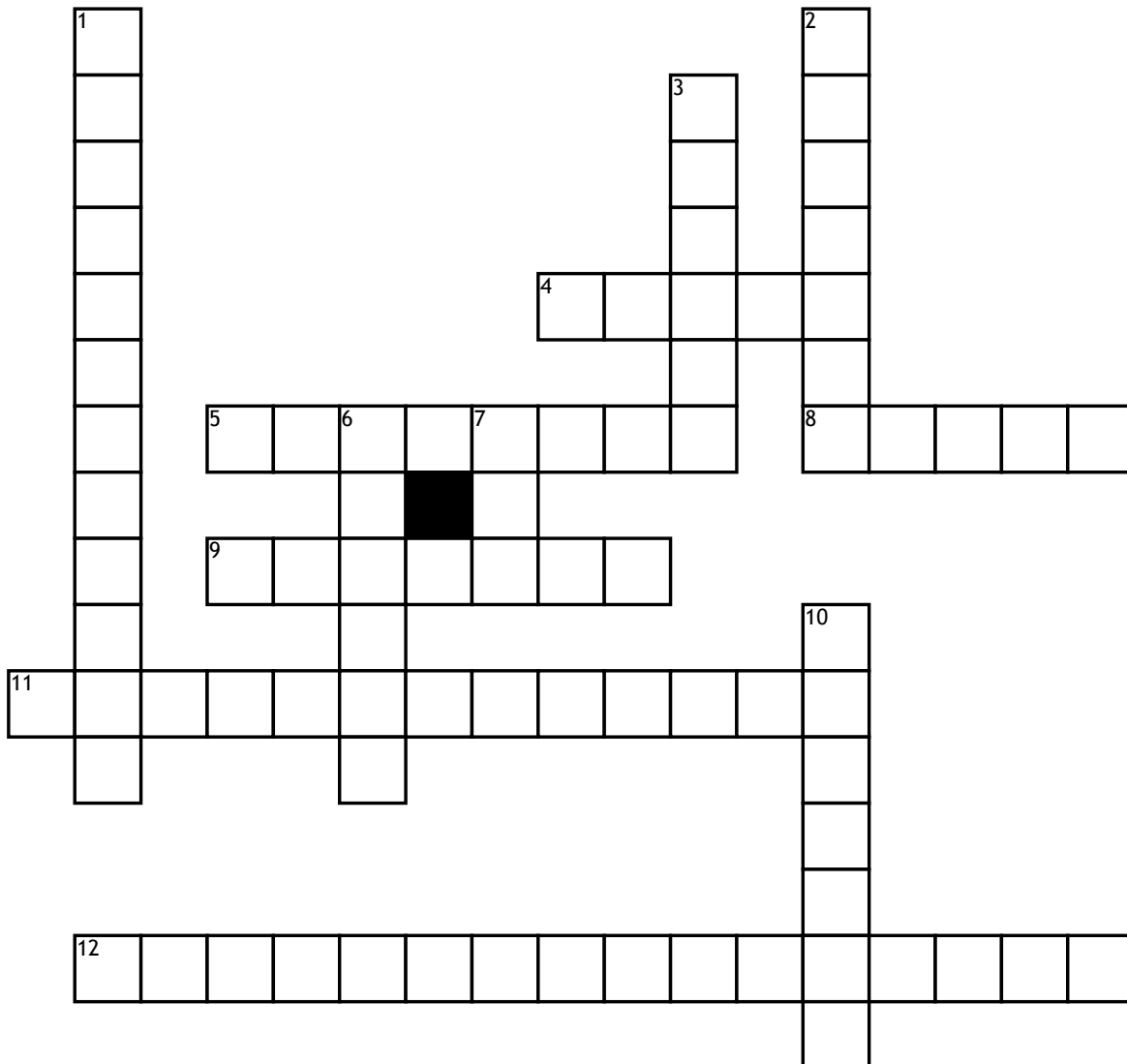


Review (Weeks 1-4)



Across

4. a negatively charged ion
 5. What is the maximum number of electrons in the third shell?
 8. There can be up to _ electrons in the second shell of the Bohr model.

9. each of two or more forms of the same element that contain equal numbers of protons but different numbers of neutrons in their nuclei
 11. A particle with two protons and two neutrons (same as Helium)
 12. an unstable nucleus is likely to break apart to emit invisible and dangerous radiation as well as a lot of energy

Down

1. fast moving electrons.
 2. the outermost shell in the Bohr model contains ____ electrons
 3. a positively charged ion
 6. the columns on the Periodic Table are called
 7. In the Bohr model, the first shell can have a maximum of _ electrons.
 10. the rows on the Periodic Table are called