**Activity Sheet Answers**

**Chapter 4, Lesson 2**

**The Periodic Table**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **HYDROGEN**  **1**  **# of Protons: 1**  **# of Electrons: 1**  **# of Neutrons: 0**  **1.01** | **PERIODIC TABLE**  **ELEMENTS 1-20**  Write the number of protons, electrons, and neutrons in each element. | | | | | | **HELIUM**  **2**  **# of Protons: 2**  **# of Electrons: 2**  **# of Neutrons: 2**  **4.00** |
| **LITHIUM**  **3**  **# of Protons: 3**  **# of Electrons: 3**  **# of Neutrons: 4**  **6.94** | **BERYLLIUM**  **4**  **# of Protons: 4**  **# of Electrons: 4**  **# of Neutrons: 5**  **9.01** | **BORON**  **5**  **# of Protons: 5**  **# of Electrons: 5**  **# of Neutrons: 6**  **10.81** | **CARBON**  **6**  **# of Protons: 6**  **# of Electrons: 6**  **# of Neutrons: 6**  **12.01** | **NITROGEN**  **7**  **# of Protons: 7**  **# of Electrons: 7**  **# of Neutrons: 7**  **14.01** | **OXYGEN**  **8**  **# of Protons: 8**  **# of Electrons: 8**  **# of Neutrons: 8**  **16.00** | **FLUORINE**  **9**  **# of Protons: 9**  **# of Electrons: 9**  **# of Neutrons: 10**  **19.00** | **NEON**  **10**  **# of Protons: 10**  **# of Electrons: 10**  **# of Neutrons: 10**  **20.18** |
| **SODIUM**  **11**  **# of Protons: 11**  **# of Electrons: 11**  **# of Neutrons: 12**  **22.99** | **MAGNESIUM**  **12**  **# of Protons: 12**  **# of Electrons: 12**  **# of Neutrons: 12**  **24.31** | **ALUMINIUM**  **13**  **# of Protons: 13**  **# of Electrons: 13**  **# of Neutrons: 14**  **26.98** | **SILICON**  **14**  **# of Protons: 14**  **# of Electrons: 14**  **# of Neutrons: 14**  **28.09** | **PHOSPHORUS**  **15**  **# of Protons: 15**  **# of Electrons: 15**  **# of Neutrons: 16**  **30.97** | **SULFUR**  **16**  **# of Protons: 16**  **# of Electrons: 16**  **# of Neutrons: 16**  **32.07** | **CHLORINE**  **17**  **# of Protons: 17**  **# of Electrons: 17**  **# of Neutrons: 18**  **35.45** | **ARGON**  **18**  **# of Protons: 18**  **# of Electrons: 18**  **# of Neutrons: 22**  **39.95** |
| **POTASSIUM**  **19**  **# of Protons: 19**  **# of Electrons: 19**  **# of Neutrons: 20**  **39.10** | **CALCIUM**  **20**  **# of Protons: 20**  **# of Electrons: 20**  **# of Neutrons: 20**  **40.08** | *Note: The number of neutrons may be different in the atoms of the same element. The atoms of an element with different numbers of neutrons are called isotopes of that element. The number of neutrons shown in the chart represents the most common isotope for that element.* | | | | | |