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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

Chapter 2 Crossword Puzzle

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|  | 4 | 5 |  |  |  |  |  |  |  |  |  |  |  |  |
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| 6 |  |  |  | 7 |  |  | 8 |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  | 9 |  |  |
| 10 |  |  |  | 11 |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  | 14 |  |  |  |  | 15 |  |  |  |  |  |
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|  |  |  |  | 16 |  |  |  |  |  | 17 |  |  |  |  |

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| --- | --- |
| **Across**  **2.** Negatively charged subatomic particle  **4.** Isotope with an unstable nucleus  **6.** The first shell can hold \_\_\_ electrons  **7.** Measure of the number of hydrogen ions in a water-based fluid  **11.** Core of the atom  **12.** Atom with an unpaired electron  **14.** Smallest unit of substance  **15.** Atom or molecule that carries a net charge  **16.** Outer most shell can hold \_\_\_\_\_\_ electrons  **17.** A substance that accepts hydrogen ions in water | **Down**  **1.** Positively charged part of all atoms  **3.** Uncharged part of the atom  **5.** Number of Protons in the nucleus that determine the element  **8.** A dissolved substance  **9.** This bond gives up an electron  **10.** Forms of an element that change based on the number of Neutrons the atom can carry  **13.** Opposite of a Base |