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Chapter 2 Crossword Puzzle

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| 10 |  |  |  | 11 |  |  |  |  |  |  |  |  |  |  |
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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 |