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Chapter 5 vocabulary - Science

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| **Across**  **2.** Ease/speed at which an element combines or reacts to another substance  **3.** Shows that every atom of the same element has the same number of protons  **6.** Positively charged particles  **7.** Letter(s) that abbreviate elements name  **9.** Harder, denser, and melt at a higher melting point than Alkali metals  **10.** Ability to carry electric current  **14.** Elements that sometimes conduct electric current  **15.** Average mass of an element  **16.** The way a mineral reflects light  **19.** Sum of protons and neutrons  **22.** Some properties of metals and nonmetals  **24.** Center of an atom  **25.** Describes a material that can be made into long wires  **27.** The most reactive metals  **28.** Particles with no charge  **29.** Made of 2 atoms | **Down**  **1.** Malleable, yet hard, and shiny metals  **4.** Element that lacks most properties of a metal  **5.** Good conductors of current and heat  **8.** Ability to transfer heat  **11.** The deterioration of metal from a chemical reaction  **12.** Elements arranged in columns  **13.** Specific amount of energy an electron has  **17.** Rows that arrange periodic table  **18.** Group 18 element, usually nonreactive  **20.** Describes material that can be made into flat sheets  **21.** Atoms with same # of protons and different # of neutrons  **23.** Arrangement of elements by pattern of properties  **26.** Salt forming elements |