Valence Electrons Puzzle

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| **Across****1.** Which element has 27 protons?**3.** Which element has a full outer level with only 2 electrons?**7.** Which element has 8 valence electrons and 2 energy levels?**9.** Elements like to have 8 valence electrons. This is called an \_\_\_\_\_\_\_\_\_\_\_\_**11.** Which Alkali metal has 4 energy levels?**13.** Which element has 3 energy levels and 1 valence electron?**14.** The element with 92 protons is called\_\_\_\_\_\_\_. | **Down****2.** The \_\_\_\_\_\_\_\_\_\_ metals have 1 valence electron?**4.** Which element has 2 valence electrons and 3 energy levels?**5.** Which chemical family has 7 valence electrons?**6.** Which family is not reactive because they have eight valence electrons?**8.** Hg is the chemical symbol for....**10.** Fluorine has 10 neutrons and so does \_\_\_\_\_\_\_\_\_\_\_\_\_**12.** Which element has 18 protons and 20 neutrons? |