

Name_____ Date_____

Section 6.4 Families of Elements

Answer all questions in full sentences

- 1) What is the term chemical family used to describe?
- 2) Which three elements are often referred to as coinage metals?
- 3) In 1850, how many elements had chemists identified?
- 4) Who successfully sorted elements according to their atomic mass?
- 5) What is the name for a vertical column in the periodic table?
- 6) What are the horizontal rows of the periodic table called?
- 7) Which group are the alkali metals in?
- 8) What do the alkali metals react with?
- 9) Why can't hydrogen exist as a single atom?
- 10) Which metals are the most reactive?
- 11) Which non-metals are the most reactive?
- 12) Where are the halogens located on the periodic table?

13) Which two elements is salt made from?

14) What is group 18 called?

15) Where is group 18 located on the periodic table?

16) Why are they called noble gases?