**Name\_\_\_\_\_\_\_\_\_\_\_\_\_**

**C.3b2 Properties of Ionic Compounds**

*Pages 229-226 (256-259) in Holt Book*

1. State how an ion becomes positive and negative.
2. List four physical properties of ionic compounds.
3. Between sulfur and magnesium:
   1. Which will form a positive ion
   2. Which will form a negative ion
4. State charge of an atom that has 12 protons and 10 electrons. Write the atomic symbol.
5. Explain why pieces of table salt have a cubic shape
6. Explain why ionic compounds have a very high melting point (they don’t melt easily)