

AP WORKSHEET 00C: Atomic Structure & Ions

1. What is the charge on a sodium **atom**? (1)
2. What is the charge on a sodium **nucleus**? (1)
3. What is the atomic number of potassium? (1)
4. How many protons are there in the **nucleus** of a potassium atom? (1)
5. How many electrons in the potassium **nucleus**? (1)
6. What is the most likely charge (the most common charge) on an ion of sulfur? (1)
7. If a chloride ion and a strontium ion were to form a compound, what would its formula be? (1)
8. What do all the ions of the transition metals have in common with one another? (1)