

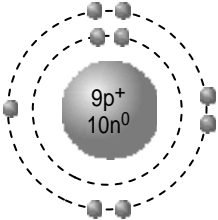
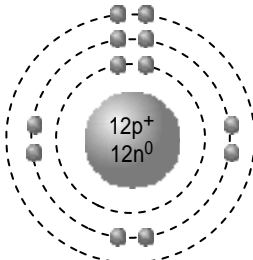
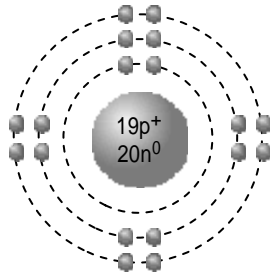
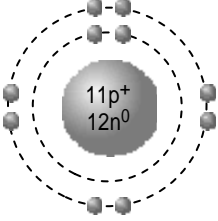
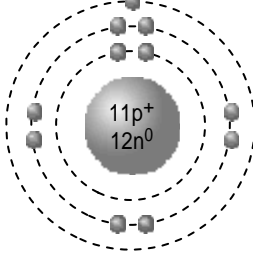
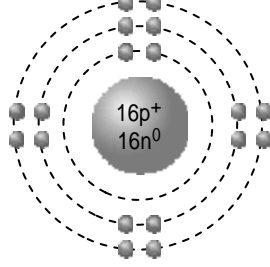
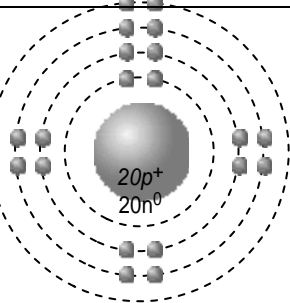
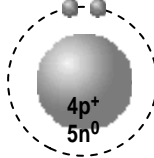
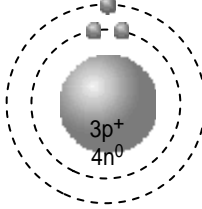
Name: _____ Date: _____

Charged and Neutral Atoms

The nucleus of an atom contains _____ (p^+), which are positively charged, and neutrons (n^0), which have no charge. Electrons (e^-) move around the nucleus.

- An atom is **positively** charged if it has more _____ than _____.
- An atom is **negatively** charged if it has more _____ than _____.
- An atom is **neutral** (has no charge) if it has an equal number of _____ and _____. The number of _____ does not affect an atom's charge.

Identify the number of protons and electrons in each drawing below. Then label the atom *positive, negative, or neutral*.

 <p>_____ protons _____ electrons Charge? _____</p>	 <p>_____ protons _____ electrons Charge? _____</p>	 <p>_____ protons _____ electrons Charge? _____</p>
 <p>_____ protons _____ electrons Charge? _____</p>	 <p>_____ protons _____ electrons Charge? _____</p>	 <p>_____ protons _____ electrons Charge? _____</p>
 <p>_____ protons _____ electrons Charge? _____</p>	 <p>_____ protons _____ electrons Charge? _____</p>	 <p>_____ protons _____ electrons Charge? _____</p>