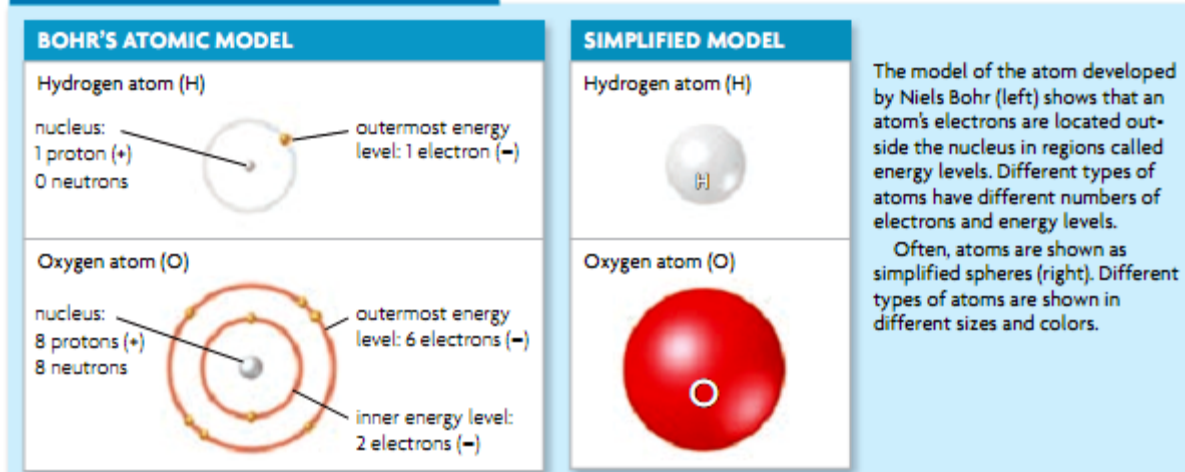


Warm-Up: Atoms, Ions and Molecules

FIGURE 1.2 Representing Atoms



1. Apply: How many electrons would need to be added to fill the outermost energy level of hydrogen? _____ of oxygen? _____
2. How are elements different from compounds?
3. What determines whether an atom becomes a positive ion or a negative ion?
4. What happens to electrons in outer energy levels when two atoms form a **covalent bond**?