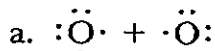
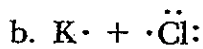
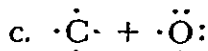


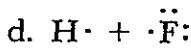
ACTIVITY ■ Atoms and Bonding**Bond Identification**

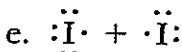
1. When atoms share electrons to fill their outermost energy levels, they form _____ bonds.
2. When atoms transfer electrons to fill their outermost energy levels, they form _____ bonds.
3. Indicate whether the atoms listed below will share electrons or transfer electrons. (*Hint: When electrons are transferred, both atoms will have complete outermost energy levels. Otherwise, atoms share electrons.*)

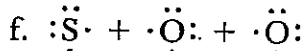


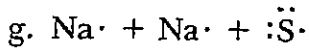


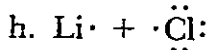


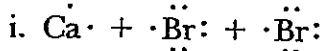


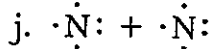












4. Write the chemical formula and the electron-dot model for each of the products in question 3. If ions are formed, show the electric charge on each.

Chemical Formula	Electron-Dot Model
a. _____	_____
b. _____	_____
c. _____	_____
d. _____	_____
e. _____	_____
f. _____	_____
g. _____	_____
h. _____	_____
i. _____	_____
j. _____	_____