

Name \_\_\_\_\_ Date \_\_\_\_\_ Class \_\_\_\_\_

Use your periodic table to classify each of these substances as ionic, covalent, or metallic.

Remember that ionic substances have both metals & nonmetals, covalent are all nonmetals, and metallic is all metals. The diagonal stair-step divides the metals from the nonmetals.

CO

Co

CoSO<sub>4</sub>

Na

NaNO<sub>2</sub>

NO<sub>2</sub>

| Ionic | Covalent | Metallic |
|-------|----------|----------|
|       |          |          |

Identify particle models: Choose the correct type of matter

