

## **CONCEPT: LEWIS ACIDS AND BASES**

In the 1920s, Gilbert Lewis proposed a new set of definitions for acids and bases.

A Lewis acid is a(n) \_\_\_\_\_.

- \_\_\_\_\_ charged hydrogen or metals.
- If your central element has \_\_\_\_\_ 8 valence electrons.

A Lewis base is a(n) \_\_\_\_\_.

- Compounds with \_\_\_\_\_ .



- Compounds with a \_\_\_\_\_ .



**EXAMPLE:** Identify the Lewis acid and base in the following reaction.

