

Name: \_\_\_\_\_

### Conjugate Acid Base Pairs

An **acid** is defined as a proton ( $H^+$ ) donor while a **base** is a proton acceptor. The substance that is produced after an acid has donated its proton is called the **conjugate base** while the substance formed when a base accepts a proton is called the **conjugate acid**. The conjugate acid can donate a proton to the conjugate base, to reform the original reactants in the reverse reaction.

Identify the acid, the base, the conjugate acid, and the conjugate base in each equation.

