

Name _____ Lab Partner _____
TA Name _____ Section _____ Date _____

Acid-Base Studies PreLab Worksheet

1.
 - a. List the chemicals being used this week that are corrosive.

 - b. What should you do if you get any of these chemicals in your eyes?

 - c. List the chemicals being used this week that give off highly irritating vapors.

 - d. Where should you work with these chemicals in order to avoid inhaling their vapors?

2. List the waste disposal instructions for this week's lab.

3. Complete the following table of conjugate acid-base pairs.

Acid	Base
HCl	
	NH ₃
	ClO ¹⁻ (bleach)
H ₂ CO ₃ (carbonic acid)	

4. Complete the following table of hydronium ion concentrations, [H₃O¹⁺], and pHs.

[H ₃ O ¹⁺]	pH
0.010 M	
0.0010 M	
	8.0
	3.2