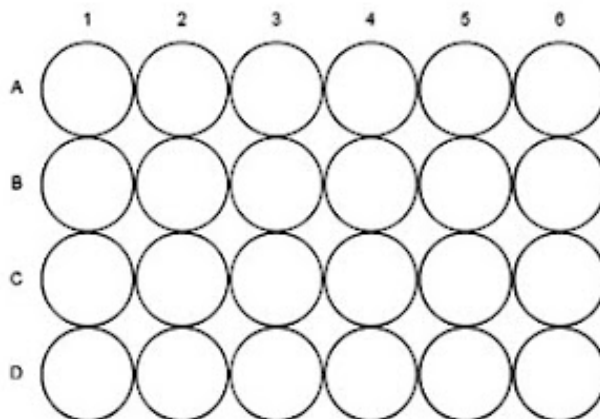


CHEMISTRY LAB DATA SHEET

NAME _____

CHEMICAL EQUILIBRIUM: LeChatelier's Principle

PARTNER(S) _____

**Observation Table (instructions 1 through 5)**

| | STEP 1 | STEP 2 | STEP 3 | STEP 4 | STEP 5 |
|---------------------------------------------------------|---------------|---------------|---------------|-----------------------------------|----------------------------------|
| SOLUTIONS | | NaOH (aq) | HCl (aq) | Base (aq) OH ⁻ ions | Acid (aq) H ⁺ ions |
| Chromate CrO ₄ ⁻² | | | | | |
| Dichromate Cr ₂ O ₇ ⁻² | | | | | |

Observation Table (instruction 7)

| | STEP 1 | STEP 2 | STEP 3 | STEP 4 | STEP 5 |
|---------------------------------------------------------|---------------|----------------------|-------------------------------------|-----------------------------------|----------------------------------|
| SOLUTIONS | | NH ₃ (aq) | H ₂ SO ₄ (aq) | Base (aq) OH ⁻ ions | Acid (aq) H ⁺ ions |
| Chromate CrO ₄ ⁻² | | | | | |
| Dichromate Cr ₂ O ₇ ⁻² | | | | | |



Left or right? _____



Left or right? _____

10.