Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ #: \_\_\_\_\_\_

# Warm-up: Analysis of a Chemical Reaction

# A B C D

**Zn + 2HCl 🡪 ZnCl2 + H2**

1. Which of the above (A, B, C, D) are compounds?
2. Which of the above (A, B, C, D) would likely be a *solid*? A *gas*?
3. Which of the above (A, B, C, D) has a *coefficient*? A *subscript*?
4. On which side of the reaction (left or right) are the *reactants*?
5. How many chlorine atoms are on the left side? The right side?
6. Which of the above (A, B, C, D) contain a *transition metal*? A *halogen*?

\*\*\* In your own words, what happens in the above chemical reaction? Write a 2-3 sentence description below:

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# Warm-up extension: Goal Setting

When setting goals, it is important to be specific about how you plan to achieve your goals. What is your goal (or goals) for this unit in chemistry? List at least 3 specific actions you can take to achieve this goal. For example, my goal is to take responsibility for my grades. One specific action I could take to achieve that goal is to come in for extra tutoring if I fail a test. Write in complete sentences.

Goal:

Actions to achieve goal:

1.

2.

3.

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