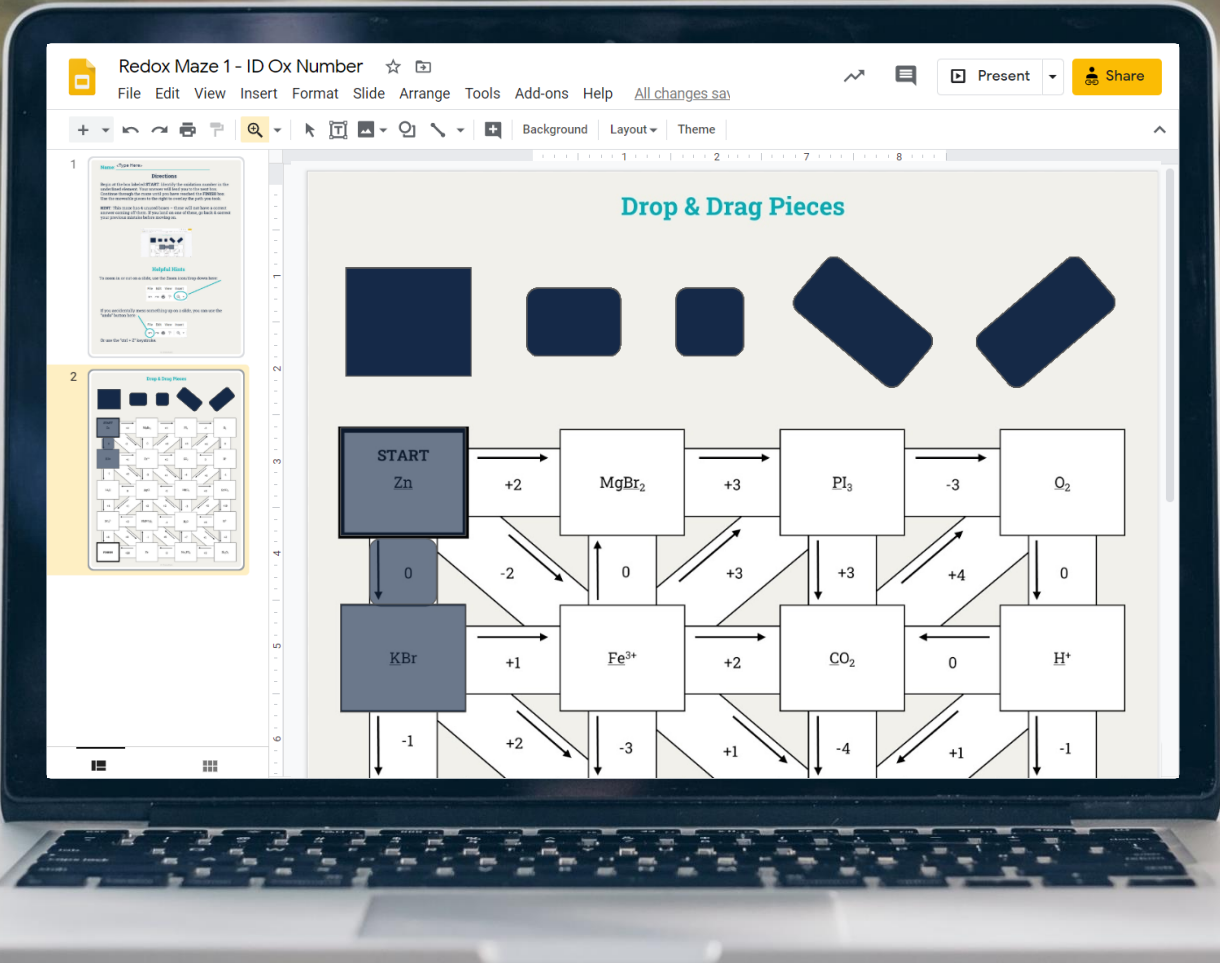




# Redox Mazes



4 Mazes in *Print & Digital Formats*

# Redox Mazes – 3 Levels – Print & Digital

Thank you for your download! You might also be interested in the [linked](#) images below:

**ck**

## Limiting Reactants

◆ BUNDLE ◆

Introductory to Comprehensive

**ck**

## Introduction to Dimensional Analysis

2 Activities: Cut & Paste, Cards & Stations

**ck**

## Thermodynamics

◆ BUNDLE ◆

Wide Variety of Resources

**ck**

## Ionic Compound Activity

Puzzle Pieces with Worksheet & Answer Keys

Easy to cut! Black & white versions available!

**ck**

## Acid-Base Chemistry

◆ BUNDLE ◆

Wide variety of resources

**ck**

## Introductory Mole Day Escape Room

Print & Go, Digital Check & Inquiry-Based

Scaffold redox reactions in chemistry with these 3-leveled engaging redox reaction mazes, *in both print & digital format*, for your chemistry students. These chemistry mazes address redox reactions in 3 levels:

- Level 1: Identify the oxidation number
- Level 2: Applying oxidation and reduction
- Level 3: Impact of redox on batteries: anode & cathode changes, calculate cell potential, balance half-reactions

If students veer off the maze path, they will land on a box that has no correct answer off of it, encouraging them to fix any previous mistakes & helping guide them in their practice. These worksheets are great for bell ringers, distance learning, in-class practice, exit/entrance slips, homework or early finishers. You and your students must have Google accounts and an internet connection to access the digital versions of these mazes. Also included, tips on how to post to Google classroom.

◆ This is available in my costs-savings [◆ Redox Reactions Bundle ◆](#) - Visit this bundle to see other great intermolecular forces resources, such as a Tarsia Puzzle Practice and a Question Trail ◆

Interested in more great resources? Click on the linked icons below



Bonding



Naming



Mole



VSEPR



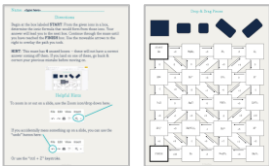
Labs

# Redox Mazes – 3 Levels – Print & Digital cont.

## Accessing the Digital Activities

1. Be sure you logged into the Google account you want to save these files into first. When you select the links below, it will ask you to make a copy of the assignment. Select "Make a Copy".

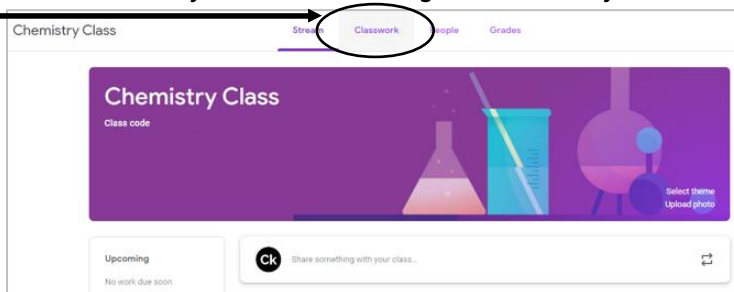


| Preview   | Student Files   | Answer Key                          |
|---|---|-------------------------------------|
|  | <a href="#">Redox Maze 1 – Identify the Oxidation Number</a>  | <a href="#">Maze 1 – Answer Key</a> |
|   | <a href="#">Redox Maze 2 – Apply Oxidation and Reduction</a>  | <a href="#">Maze 2 – Answer Key</a> |
|   | <a href="#">Redox Maze 3 – Electrochemistry &amp; Battery</a> | <a href="#">Maze 3 – Answer Key</a> |

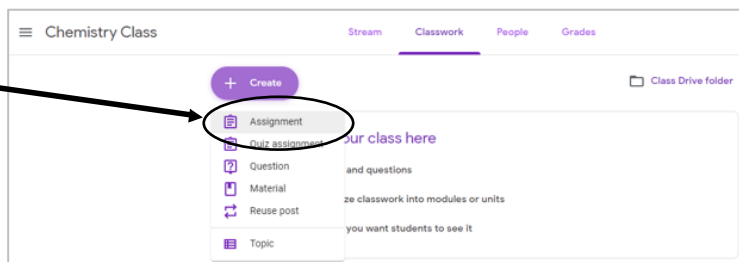
2. This copy in your drive is now your Master Template. I would recommend changing the name of the file and organizing the file into a folder so that you can easily access it later.

## Sharing with Students on Google Classroom™

1. Once you have opened Google Classroom, select the class you'd like to assign the activity to.
2. Go to the "Classwork" tab at the top.



3. Once on the Classwork tab, create an "Assignment"



# Redox Mazes – 3 Levels – Print & Digital cont.

4. Locate the file in your Google drive. Select "Make a Copy for Each Student" so that students will be able to work on the activity on his/her device without changing your original file.

If you choose "Students can edit the file," they will be able to edit your original file, which you most likely don't want.



If you need any assistance, contact me at [KateCk@ChemKate.com](mailto:KateCk@ChemKate.com).

Interested in more great resources? Click on the linked icons below:



Bonding



Naming



Mole



VSEPR



Labs

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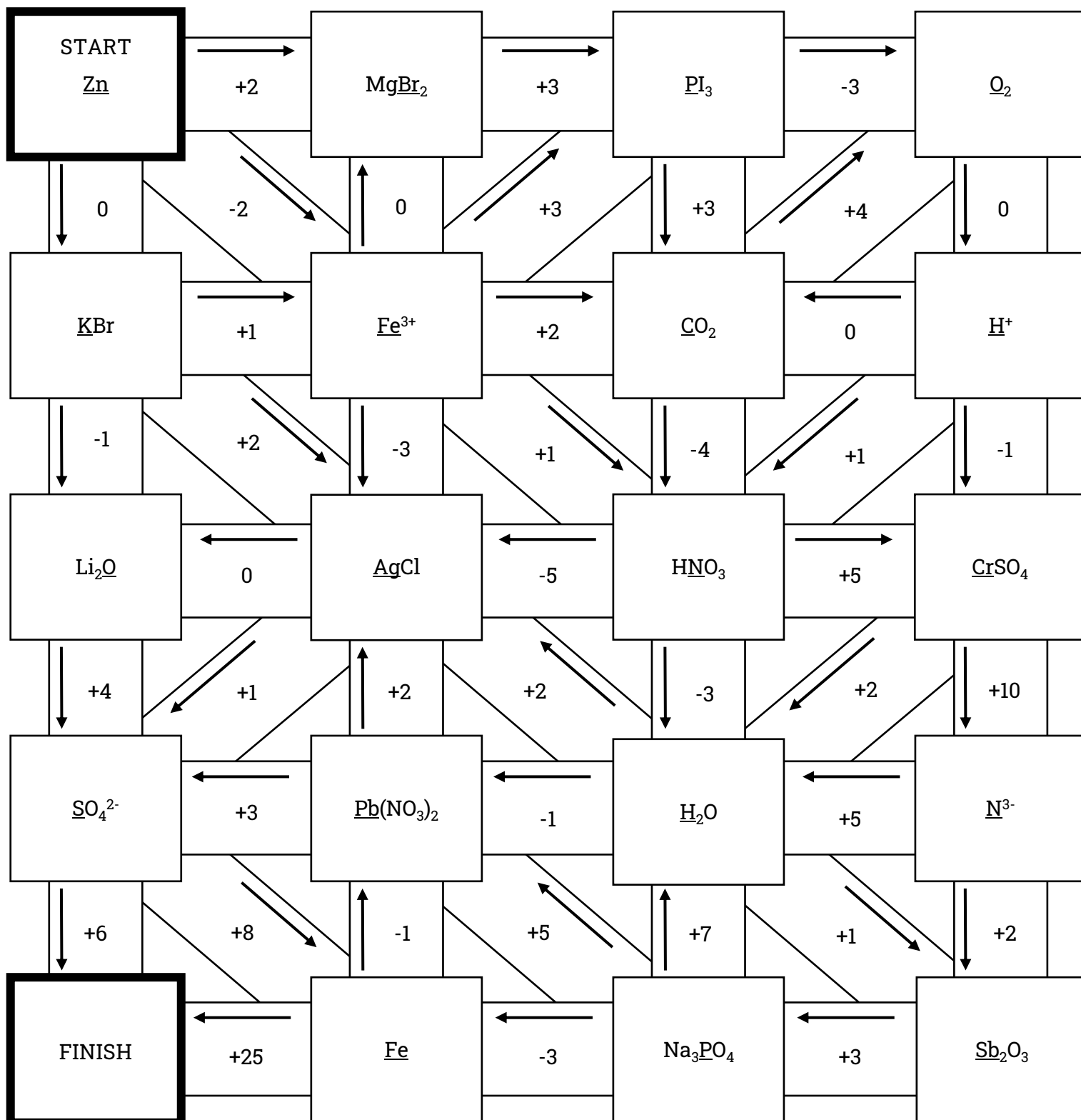
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Thank you!



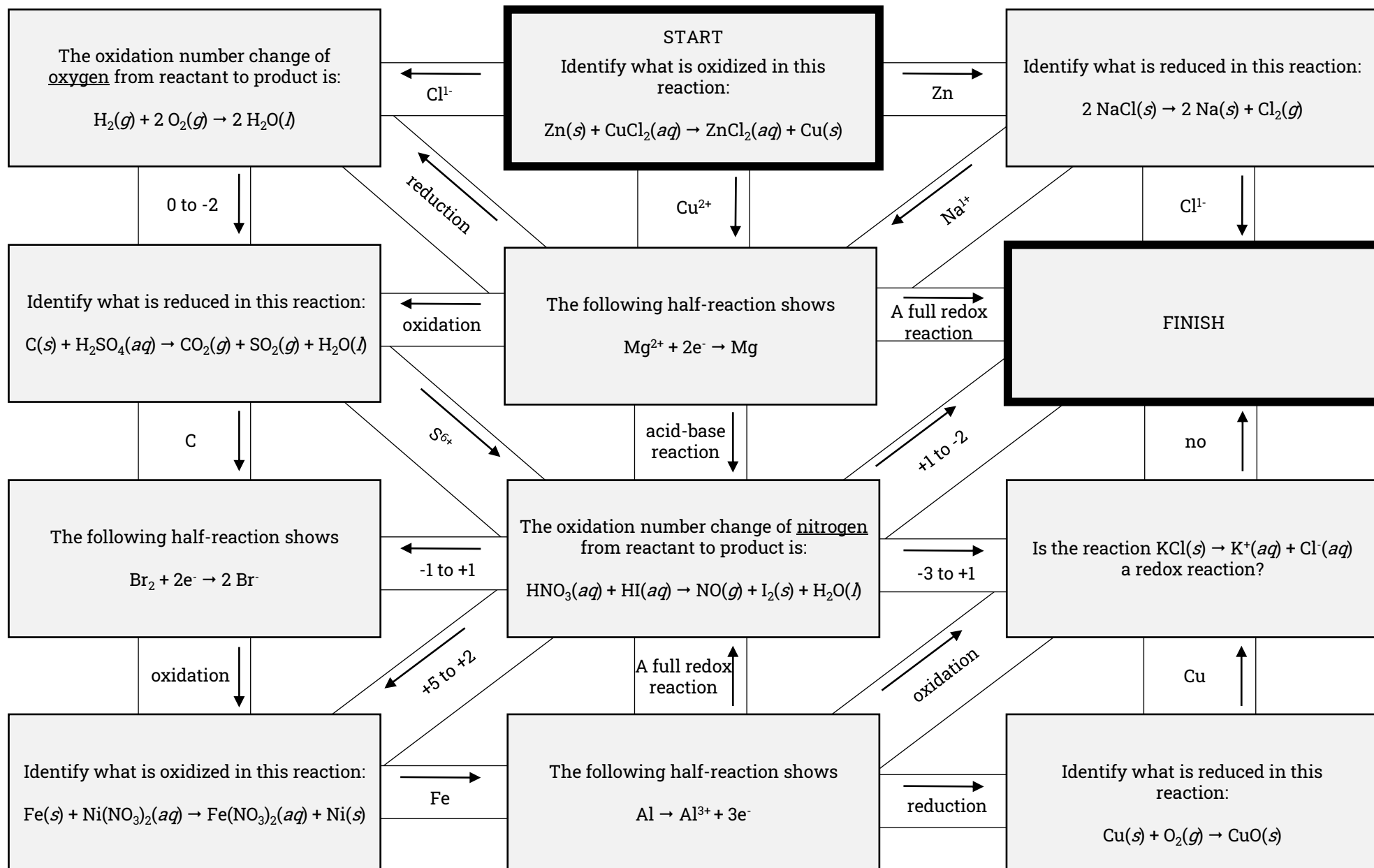
**Directions:**

Begin at the box labeled START. Identify the oxidation number in the underlined element. Your answer will lead you to the next box. Continue through the maze until you have reached the FINISH box. Highlight/color in, shade or draw a line to show the path you took. HINT: This maze has 4 unused boxes – these will not have a correct answer coming off them. If you land on one of these, go back & correct your previous mistake before moving on.



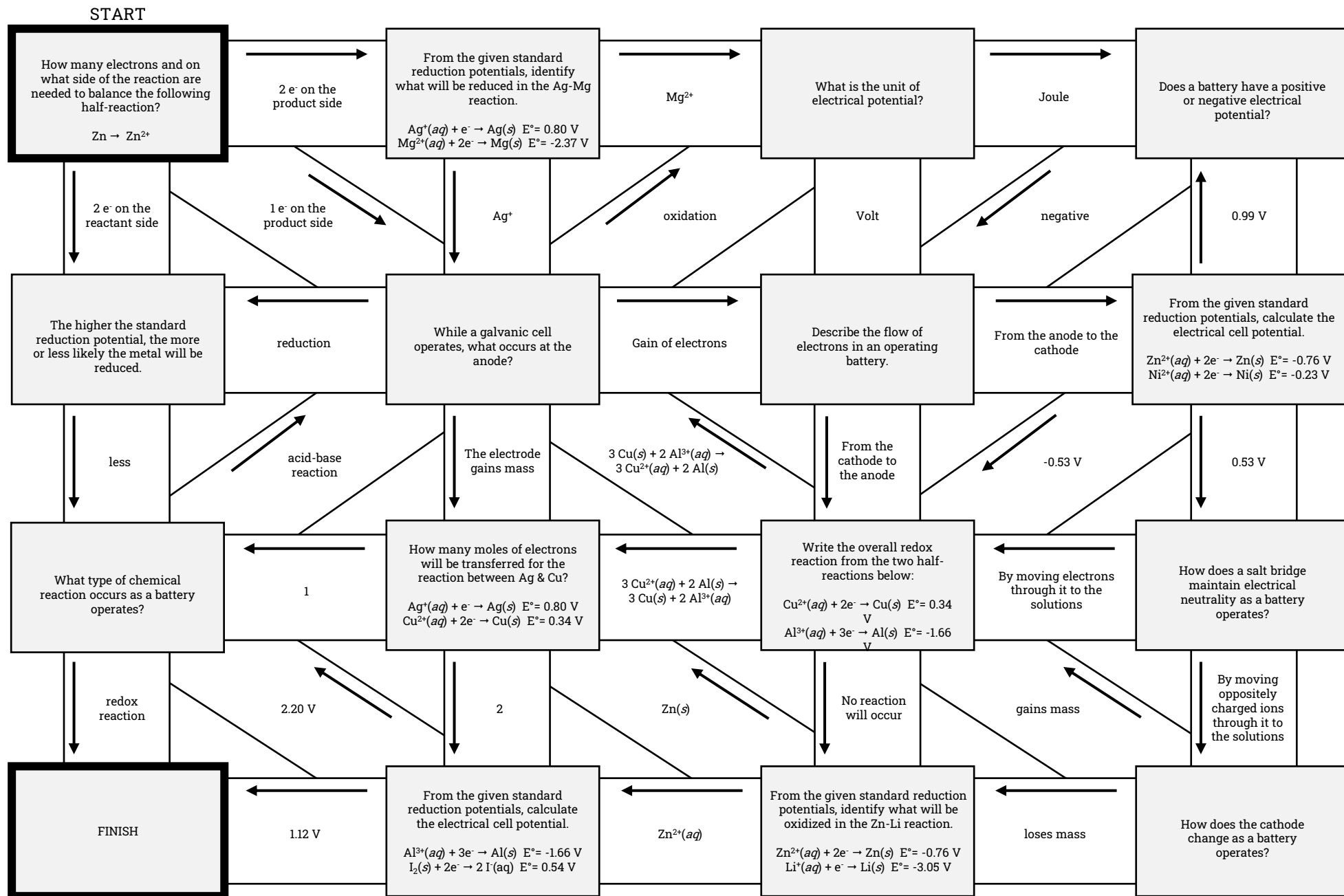
**Directions:**

Begin at the box labeled START. Apply the definitions of oxidation and reduction the situations that follow. Your answer will lead you to the next box. Continue through the maze until you have reached the FINISH box. Highlight/color in, shade or draw a line to show the path you took. HINT: This maze has 2 unused boxes – these will not have a correct answer coming off of them. If you land on one of these, go back & correct your previous mistake before moving on.



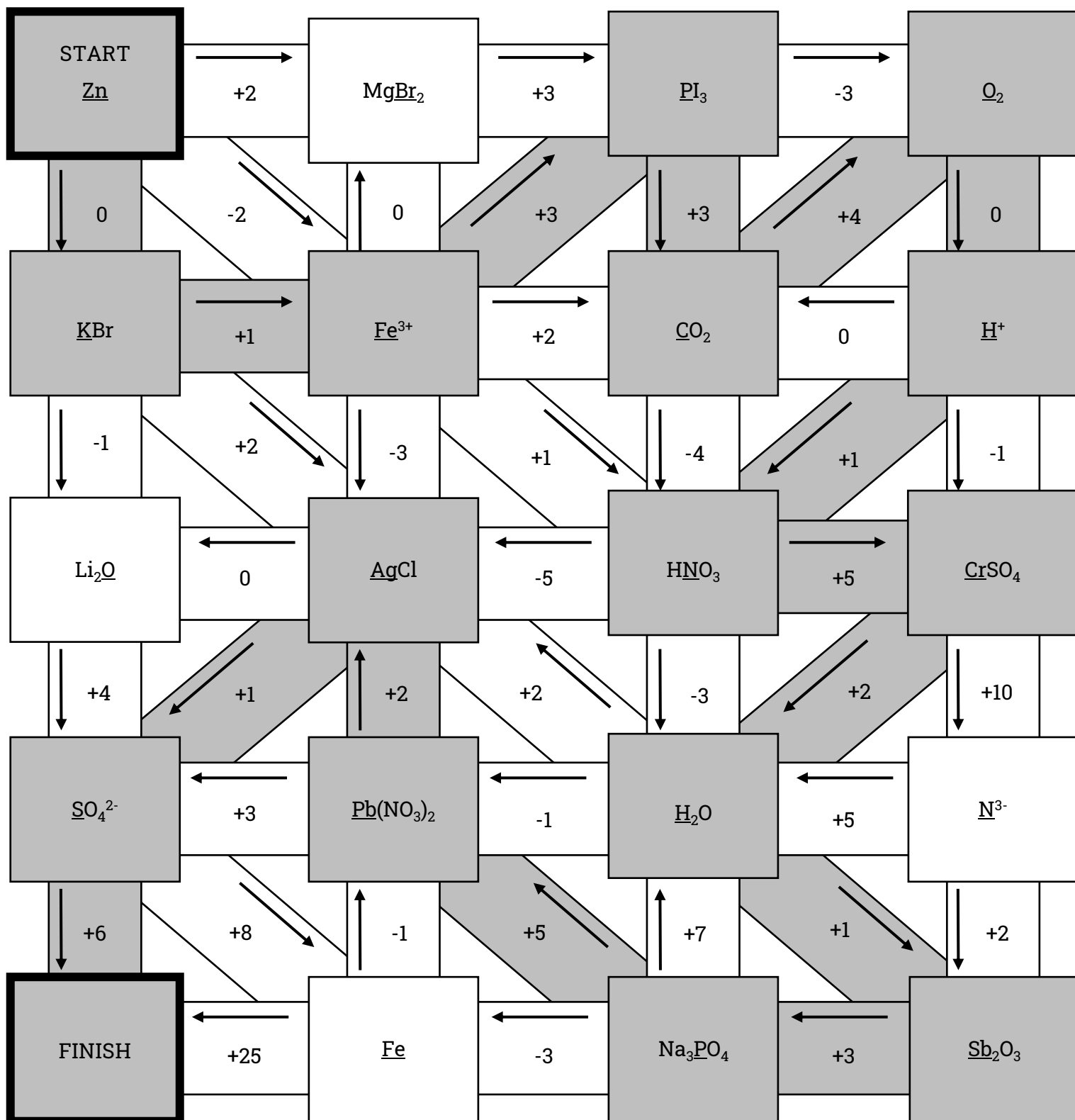
**Directions:**

Begin at the box labeled START. Answer the galvanic (battery) cell application question. Your answer will lead you to the next box. Continue through the maze until you have reached the FINISH box. Highlight/color in, shade or draw a line to show the path you took. HINT: This maze has 3 unused boxes – these will not have a correct answer coming off of them. If you land on one of these, go back & correct your previous mistake before moving on.



Directions:

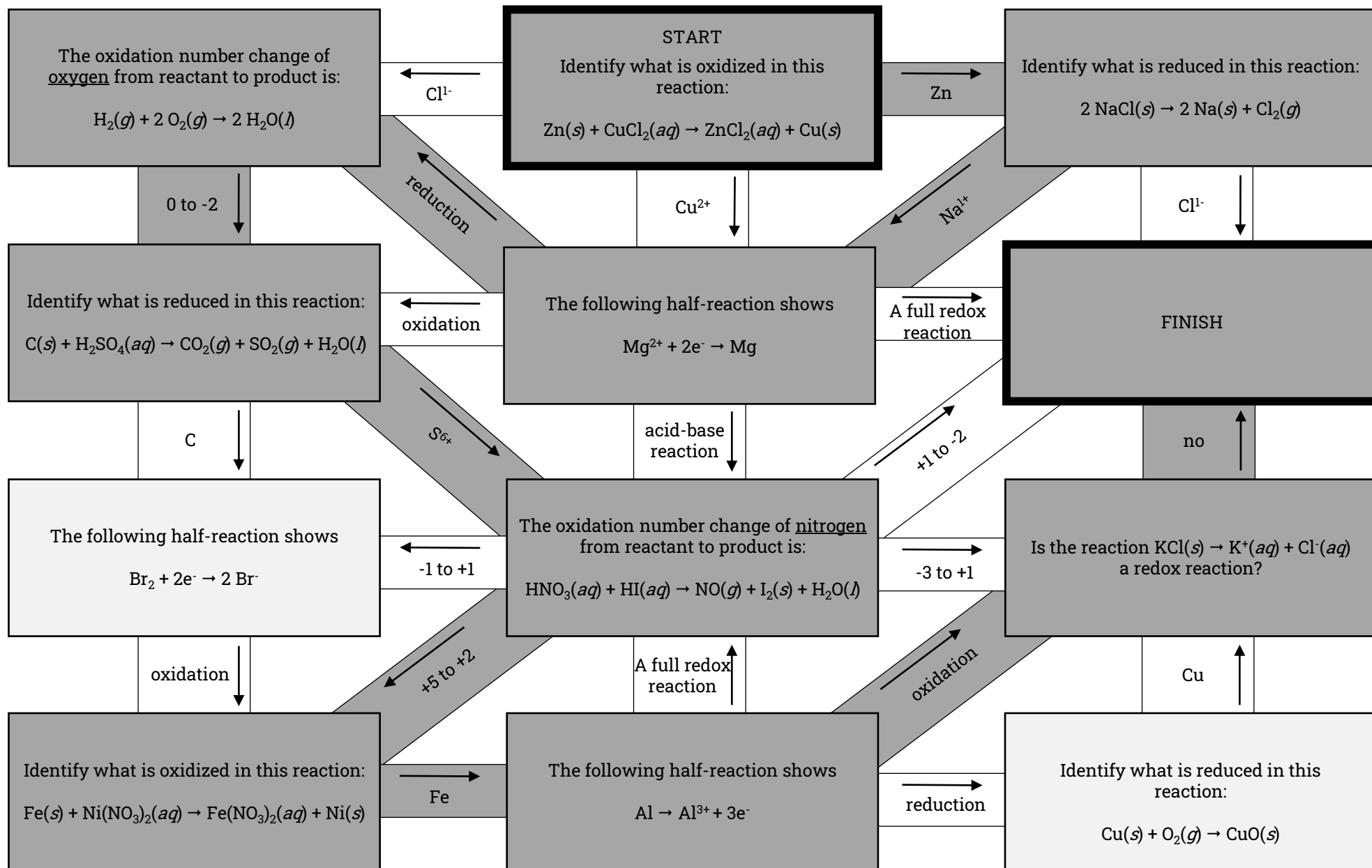
Begin at the box labeled START. Identify the oxidation number in the underlined element. Your answer will lead you to the next box. Continue through the maze until you have reached the FINISH box. Highlight/color in, shade or draw a line to show the path you took. HINT: This maze has 4 unused boxes – these will not have a correct answer coming off them. If you land on one of these, go back & correct your previous mistake before moving on.





Directions:

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Directions:

Begin at the box labeled START. Answer the galvanic (battery) cell application question. Your answer will lead you to the next box. Continue through the maze until you have reached the FINISH box. Highlight/color in, shade or draw a line to show the path you took. HINT: This maze has 3 unused boxes – these will not have a correct answer coming off of them. If you land on one of these, go back & correct your previous mistake before moving on.

