

# Error Analysis Resources

## Types of Math Errors

Type	What Happened	How to Prevent
Careless	<ul style="list-style-type: none"> <li>- Not following directions</li> <li>- Writing the wrong number</li> <li>- Typing the wrong number/operation into calculator</li> </ul>	<ul style="list-style-type: none"> <li>- Slow down</li> <li>- Circle important information</li> <li>- Use graph paper</li> </ul>
Computation	<ul style="list-style-type: none"> <li>- Adding, subtracting, multiplying, or dividing incorrectly</li> </ul>	<ul style="list-style-type: none"> <li>- Slow down</li> <li>- Estimate first</li> <li>- Check your answer after solving</li> <li>- Use a calculator</li> </ul>
Precision	<ul style="list-style-type: none"> <li>- Work is too messy</li> <li>- Lack of labels</li> <li>- Missing units</li> <li>- Dropping a - sign</li> <li>- Not lining up place value</li> </ul>	<ul style="list-style-type: none"> <li>- Slow down</li> <li>- Write neatly</li> <li>- Check my work and make sure everything is lined up</li> <li>- Does my answer make sense?</li> </ul>
Problem Solving	<ul style="list-style-type: none"> <li>- Not showing all work/thinking</li> <li>- Not completing all steps</li> <li>- Not following math rules/properties</li> </ul>	<ul style="list-style-type: none"> <li>-Redo the problem and all steps</li> <li>-Check work/thinking for each step</li> <li>- Did I answer the question?</li> </ul>

Name: \_\_\_\_\_ Pd: \_\_\_\_\_ Date: \_\_\_\_\_

## Error Analysis

Directions: Please complete the Error Analysis in its entirety.

Problem Number	Explain why you made the mistake you did. Make sure to identify which type of mistake you made.	New Work	New Answer

# Instructions for Use

- The Error Analysis Resources are designed to help students recognize and reflect on the type of math mistakes they make.
- The Types of Math Errors organizer can be filled out together as a class and used as a reference throughout the year.
- Students can fill in the Error Analysis after a test or quiz, and then parents can sign before they turn into you.
- Happy teaching!

# Terms of Use

- This product is for use in a single classroom only. If you want to share it with your friends, I am grateful but please direct them to my TPT store (Sixth Grade Teachers).
- I am the first to admit that mistakes happen. Let me know if I made one so I can fix it right away. Contact me at [sixthgradeteachers@gmail.com](mailto:sixthgradeteachers@gmail.com).
- If you love this product, please leave me some feedback!

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Careless		
Computation		
Precision		
Problem Solving		

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Parent Signature: \_\_\_\_\_ Date: \_\_\_\_\_

# Acknowledgements

- This product would not have been possible without the help of the following **AWESOME** sellers. Check them out!





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