

MATHEMATICS REFLECTIONS

As you write your responses to the following questions and prompts, please always use complete sentences and explain your reasoning. Provide examples and clear details whenever possible. (Hint: it's always possible!)

1. *What were the main mathematical concepts or ideas that you learned today or that we discussed in class today?*
2. *What questions do you still have about the mathematical concepts from class today? If you don't have a question, create your own math problem using what you learned -- and then solve it.*
3. *Describe an interesting mistake or misconception that you or a classmate had in class today. What did you learn from this mistake or misconception?*
4. *How did you or your team approach today's problem(s) or task(s)? How successful was your approach? Describe the journey you took to arrive at your final solution.*
5. *Describe in detail how someone else in class approached a problem. How is their approach similar or different to the way you approached the problem?*
6. *What new vocabulary words or phrases were introduced today? What do you believe each new word or phrase means? Give an example/picture of each word.*
7. *What was the big mathematical conversation about in class today? As you reflect on your new learning, either 1.) explain at least two concepts you now understand better, or 2.) explain at least two concepts you are still feeling confused about.*



8. Which mathematical representation(s) (algebraic, geometric, numeric, etc.) did you use to show your thinking today? Explain in detail why you made this choice.
9. Reflect on the math concepts you have been learning lately and plan a mini-lesson you would use to teach a fifth grader. (Remember to use lots of clear details.)
10. Consider the project or task you are currently working on. Have you been managing your time wisely? What have you figured out so far? What still needs to be examined and analyzed before you reach your final conclusion and submit your solution?
11. What were some of your strengths and difficulties during this classroom module? Are you surprised by any of your strengths? What is your plan to improve in your areas of difficulty?
12. If you had an opportunity to revise and resubmit any work from this module, what would you choose and why? What have you learned since your original submission that would make you want to revise your work?
13. Did you compare your work with another classmate today? Did you find this helpful? What happened during your discussion? Was there an opportunity for you to learn or teach something new?
14. Compose a song, poem, rap, or short story that will help you and your classmates better understand any math concepts you have been learning recently.
15. Which of the 8 mathematical practices did you or your team focus on today? Explain why you think so and how you worked through your task(s).
16. Did you surprise yourself with your thinking today or this week? When? How so?
17. When have you recently noticed classroom mathematics appear in your daily life outside of school? Does this surprise you or make a lot of sense to you?
18. Consider a concept you have struggled to understand in the past, **that now you totally do understand!** How did you connect the dots to make sense of your learning?