

LEARNING LOGS AND REFLECTION



Ch. 1 Introduction and Representation

In this course, you will often be asked to reflect about your learning in a Learning Log. Writing about your understanding will help you pull together ideas, develop new ways to describe mathematical ideas, and recognize gaps in your understanding.

"Making Sense of a Challenging Problem"

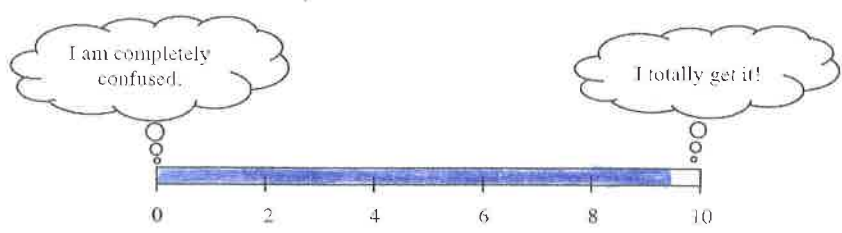
1. What can you do or what questions can you ask to help you to make sense of a challenging problem?
2. Think of one problem that you found the most challenging in this chapter. Describe what you did to help you understand it.
3. What could you do differently in the next chapter to help you better understand the challenging problems?

"Characteristics of Numbers"

4. Use the math notes on page 21 to help you summarize the characteristics of prime, composite, even and odd numbers.

"Chapter 1 Reflection"

5. In this chapter we focused on working with a team, answering in complete sentences, using reading strategies, overcoming challenges, labeling diagrams, area, perimeter and expressions. Which two skills did you find the most challenging, why? What can you do to make sure that you improve on these skills in future chapters?
6. Color in the portion of the bar that represents your understanding and ability to complete problems from this chapter on your own.



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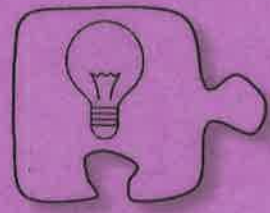
Introduction and Representation

August 28-September 14

Important Dates:

Team Quiz: Friday, 9/7

Ch. 1 Test: Friday, 9/14



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① If a problem is challenging I shouldn't give up. I should try drawing a diagram, asking for help, re-reading the problem or looking through my notes if I'm feeling stuck.

② One of the most challenging problems was To help understand I ...

③ Next chapter I could...

④ Prime numbers have exactly two factors, but composite numbers have more than 2. Even numbers are divisible by 2 and odd are not.

⑤ The two skills I found most challenging were...

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