



Look for and express regularity in repeated reasoning.

"I can use what I already know about problem solving strategies, patterns, and other shortcuts to solve problems."

Process

Process to look for and express regularity in repeated reasoning

1. Identify the type of problem.
2. Identify what operations within this problem you already know how to do.
3. Identify what you do over and over again when solving this type of problem.
4. Identify which strategies, rules, or patterns you could use to solve this problem.
5. Identify other shortcuts you could use based on the patterns you noticed.
6. Explain how you can repeat this thinking when solving similar problems.

Practice
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Reflection

To what degree can you use what you already know about problem solving strategies, patterns, and other shortcuts to solve problems?

1	2	3	4	5
never		sometimes		always

- ▶ What does "look for and express regularity in repeated reasoning" mean?

- ▶ How do you use what you already know about problem solving strategies, patterns, and other shortcuts to solve problems?

- ▶ How does looking for and expressing regularity in repeated reasoning help you?