1.9 Applying the LPM: Math and Metacognition

What Do You Already Know?

Tapping into your existing knowledge

1. What mathematical content have you found easy to learn? Why do you think that was?

2. What do you need to do in order to learn mathematics?

3. What do you need to do in order to teach someone a mathematical concept or process?

4. When and how do you use mathematics to solve problems in your life?

5. What is the role of thinking in learning and problem solving?

6. Is it easier to achieve understanding by 1) solving a series of problems or 2) by critically analyzing a model and then working a series of problems? Why?