

## **Math Journal Writing about Problem-Solving**

1. What is going through your mind as you work on the puzzle? (to reveal the reasoning process)
2. What do you find interesting about what you are finding? (to pique curiosity, invite children to search for patterns, or to make conjectures)
3. What is surprising or puzzling? (to pique curiosity, to encourage risk-taking, reasoning, and flexible thinking)
4. What helped you find a solution? (to articulate strategic thinking, to find patterns, to acknowledge the thinking of others)
5. What are you wondering? (to inspire further investigations, to perceive inquiry as an ongoing process)