

# Journal Writing

## Reflection

### ■ Students:

- Writing about their thinking about a problem
- Reflect on themselves as participants in mathematics
- Consider the reasons we are doing certain work in the classroom

### ■ Teachers:

- Help students develop metacognition
- Help develop students' sense of self as mathematicians
- Help students to see the big picture

## Summary

### ■ Students:

- Summarize their work on a problem or unit
- Reinforce learning and engage and enhance recall and memory
- Sketch the big picture of school mathematics

### ■ Teachers:

- Assess how students are approaching a problem
- Determine what information students are taking away from a unit or lesson
- Help reinforce main ideas
- Monitor student comprehension

## Set & Assess Goals

### ■ Students:

- Practice self-regulation and self-assessment

### ■ Teachers:

- Support students in taking responsibility for their learning
- Gain perspective into students' views of themselves

## Planning for Future Work

### ■ Students:

- Break down problem solving
- Synthesize their work and determine next steps

### ■ Teachers:

- Support students in adjusting processes to solve problems
- Support students in noticing and appropriating other's ways

