

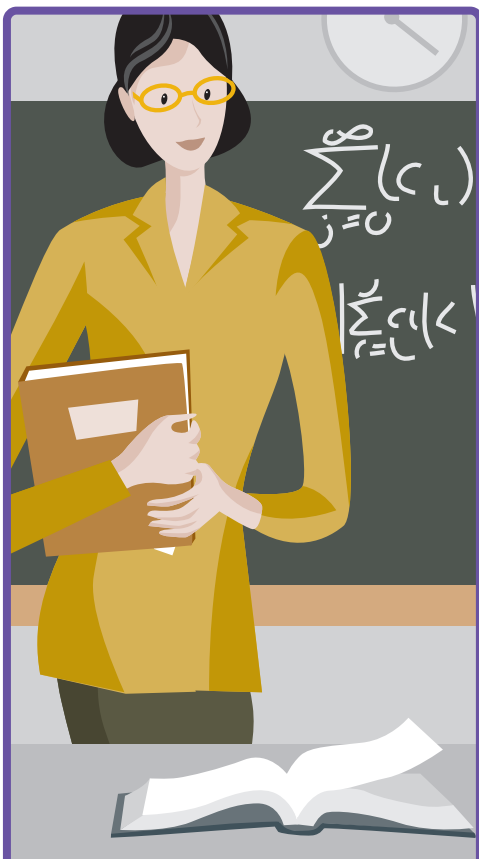


TRY IT

As students work, circulate to identify and collect “gems” such as interesting strategies, questions, errors, or conversation starters to discuss with the class.

WHY TRY IT?

- Surfaces interesting or alternative strategies
- Serves as formative assessment
- Supports proactive teacher circulation



While students are working on math problems...



circulate the room and observe what each student is doing.



Identify some aspect of a student's work that is a gem.

TEACHER NOTES

Gem mining is designed to focus attention on students' thinking, not just correct answers. Look for novel, incomplete, or unexpected strategies that could advance discussion. Before sharing a student's work publicly, ask for permission to use it as a class example.



CAUTION

Identify gems from a variety of students over time rather than only a select few.

