

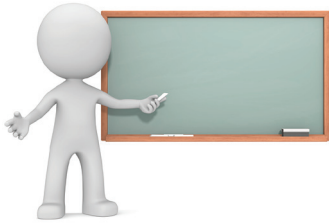


SOAR CONVENE & COMPARE

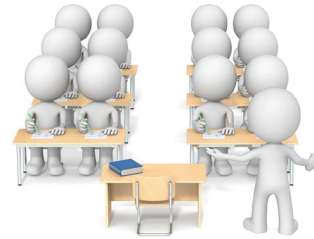
Today we do it together so that tomorrow I can do it on my own.

Step 1: Make sense of the first solution.

The first mathematician introduces her solution pathway.

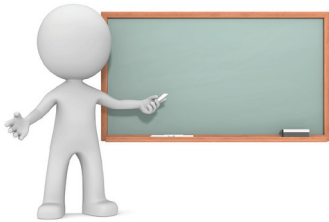


The class works in pairs to analyze the first solution pathway.

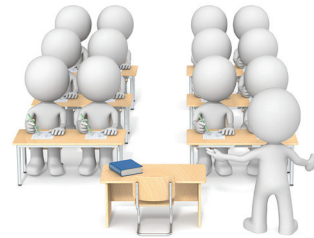


Step 2: Present and clarify the first solution.

The mathematician explains and justifies her solution pathway.



The class works in pairs to restate the mathematician's solution pathway.

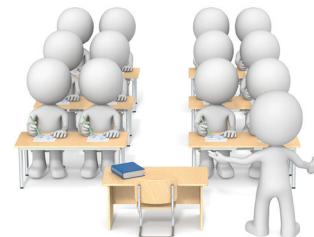


Step 3: Critique the first solution.

The mathematician opens the floor for comments and responds to questions.



The class works in pairs to respond to the mathematician's prompts.



Step 4: Repeat steps 1-3 with the second solution.

Step 5: Synthesize and reflect.

Teacher facilitates small group discussions.

- How are the two solutions similar and different?
- What do you understand now that you didn't understand before?
- How does this work add to our mathematical thinking?