

Post-Lesson Discussion #1

Lesson #1: Chairs around the Table:

Problem solving: Algebraic reasoning

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NATIONAL COUNCIL OF
TEACHERS OF MATHEMATICS

A Tour of the Software

- Feedback and seating chart
- Submit a question to in writing by typing your question at the bottom right of the screen and clicking on the “Ask” button
- Left panel information
- Viewing without panels (maximizing viewing area)

Discussion Ground Rules

- Help build a sense of community
- Minimize background noise at your location or mute your phone when you are not speaking (If your phone does not have a mute option, press *6 on your phone to mute and *6 again to un-mute.)
- Self-monitor your participation
- Pause and listen before speaking

Describe who observed your lesson...

(Use the text tool to type a description of who observed your lesson in 3 words or less.)

Live Meeting Poll

Slide Title

Did you teach problem 1 of lesson #1?

- Yes
- No

Live Meeting Poll

Slide Title

If you taught problem 1 of the lesson, which of the following best describes the setting?

- 3rd grade math
- 4th grade math
- 5th grade math
- other

Lesson #1, Problem 1 Discussion

Let's look at the collaborative planning guide to frame our discussion...

Problem 1: At Pal-a-Table, a new restaurant in town, there are 24 square tables. One chair is placed on each side of a table. How many customers can be seated at this restaurant? *Show your work in two or more ways.*

Questions about Problem 1

- What were the strengths of the lesson?
- What would you change if you taught the lesson again?
- What suggestions would you make for enhancing this lesson?

Live Meeting Poll

Slide Title

Did you teach problem 2 of Lesson #1?

- Yes
- No

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Live Meeting Poll

Slide Title

If you taught problem 2 of the lesson, which of the following best describes the setting?

- 3rd grade math
- 4th grade math
- 5th grade math
- other

Lesson #1, Problem 2 Discussion

Let's look at the collaborative planning guide to frame our discussion...

Problem 2: Pal-a-Table has a problem. For large groups, they must push some of the tables together to make a longer table. As before, they place one chair on each side of the table. How many tables would be needed for a group of 18 people?"

Questions about Problem 2

- What were the strengths of the lesson?
- What would you change if you taught the lesson again?
- What suggestions would you make for enhancing this lesson?

Live Meeting Poll

Slide Title

Did you teach problem 3 of lesson 1?

- Yes
- No

Live Meeting Poll

Slide Title

If you taught problem 3 of the lesson, which of the following best describes the setting?

- **3rd grade math**
- **4th grade math**
- **5th grade math**
- **other**

Lesson #1, Problem 3 Discussion

Let's look at the collaborative planning guide to frame our discussion...

Customers at Pal-a-Table like that tables can be combined for larger groups, but they don't like that tables are only arranged end-to-end to form a long chain. One patron suggests that tables should instead be arranged in a rectangular pattern with chairs placed around the outside.

Questions about Problem 3

- What were the strengths of the lesson?
- What would you change if you taught the lesson again?
- What suggestions would you make for enhancing this lesson?