

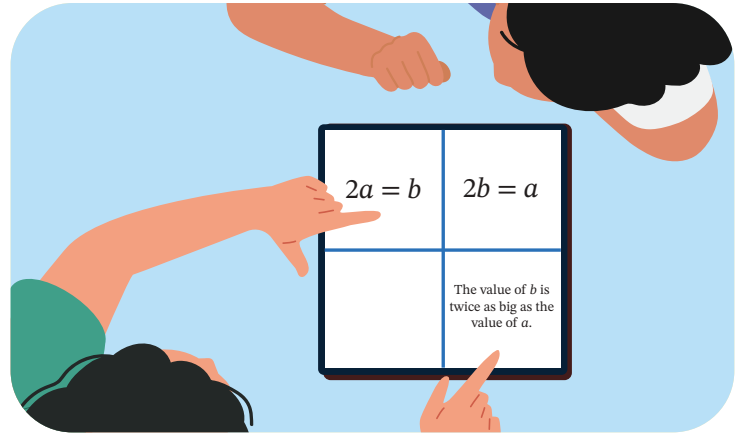
Facilitation Guide

This guide provides an overview of common scenarios and questions that may arise during the implementation of the nudge, along with strategies to support its success.

MLR Nudge 5 Four the Win

Recap

This nudge encourages students to look across representations and make connections based on mathematical structure. It also promotes creativity by asking students to produce their own mathematical elements based on structural features as prompted by the game.



Situation: While working in groups, students are just sharing answers.

Emphasize the importance of discussing the reasoning behind their answers. It can be helpful to provide questions they might use to ask each other.



Situation: A student is struggling to create a match for the unmatched element.

- Ask guiding questions to help the student think about the mathematical structure and connections, such as: "What is similar about the matched pair that we can apply to the unmatched element?"
- Show examples of completed game boards and implement think-alouds to model why the matches work. This might help the student understand the process better.
- Allow the student to work with a partner who can provide support and ideas. Collaborative thinking can help the student feel more supported.

Situation: You as the teacher are struggling to create a game board.

Use example questions from your curriculum to create matched pairs.

Draw upon multiple representations and try to keep possibilities for the open space as open-ended as possible.

Work with colleagues to brainstorm and create game boards to share!