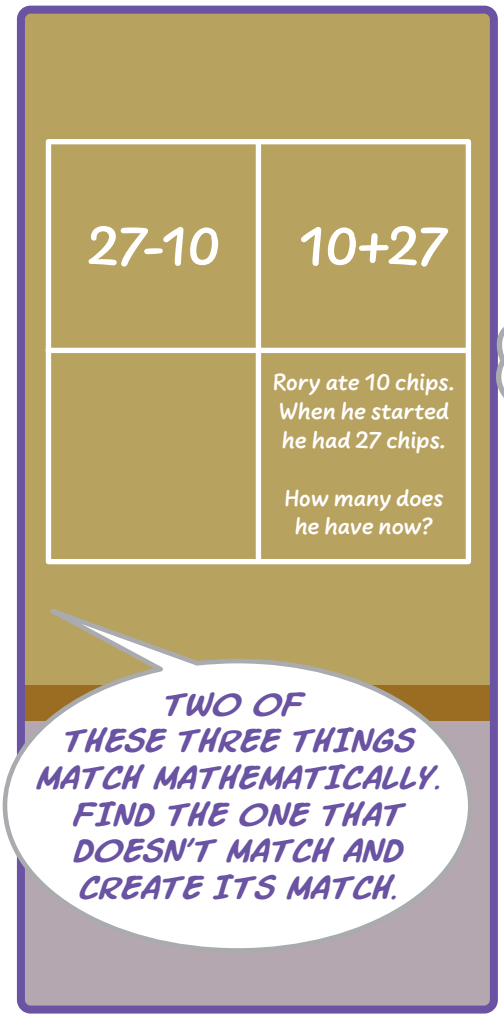
FOUR THE WIN

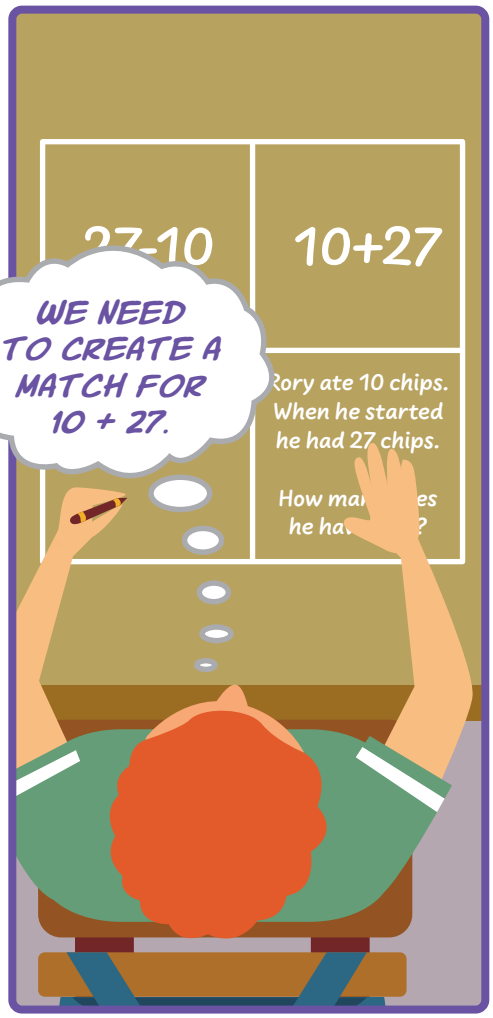
TRY IT

Provide a 2×2 game board with one matching pair, one unmatched element, and one blank space. Have students identify the match and create an element to complete the other match.

WHY TRY IT?

- Encourages students to look across representations
- Focuses attention on mathematical structure
- Promotes creativity through student-generated matches







TEACHER NOTES

Students can complete the game board independently or in groups. The task becomes more engaging when multiple valid answers are possible for the missing space. Clearly define the types of mathematical objects students may use when creating new matches.

CAUTION When you make a game board, make sure one of the elements is definitely separate from the two that match.

Kelemanik, G., Lucenta, A., & Creighton, S. J. (2016). *Routines for reasoning: Fostering the mathematical practices in all students*. Heinemann.