

Information Gap Cards

Preparation

Print cards. Cut out cards along the dotted lines, fold cards in half along the solid line, and glue halves together. Place students in pairs and distribute cards.

Overview

MLR 4: Information Gap cultivates mathematically rich conversation to bridge information gaps and enhance problem-solving skills.

- Students work in pairs. Each student has a card.
- Each card has a Problem side and a Data side. Partners ensure they are both on the same lettered side of the card, Side A or Side B.
- Partner 1 is given a problem but is missing information necessary to solve the problem. Partner 1 starts by asking the given question.
- Partner 2 has the missing information necessary for solving the problem. After Partner 1 states the problem, Partner 2 asks what information is needed.
- Students may choose to use the possible question and answer stems provided on the cards. Partners discuss using the stems in order to solve the problem.
- Once the first problem is solved, students switch to the other side of the cards and repeat the activity.



2 Partners



Watch the Peer Coach Video to see this MLR in action.



Module 7 **Problem** Partner 1

The width of a rectangle is $(6 - 2x)$ feet. Write an expression for the perimeter of the rectangle.

Answer Sentence Frames

1. Please tell me _____.
2. I need this information because _____.

A

Module 7 **Data** Partner 1

This polygon has 7 sides.

Questions

1. What do you need to know?
2. Why do you need this information?

B

Module 7 **Problem** Partner 2

A regular polygon has a perimeter of $(56y - 28)$ inches. Write an expression for the length of a side.

Answer Sentence Frames

1. Please tell me _____.
2. I need this information because _____.

B

Module 7 **Data** Partner 2

The length of the rectangle is twice the width.

Questions

1. What do you need to know?
2. Why do you need this information?

A

© Houghton Mifflin Harcourt Publishing Company

