



- Peer-to-Peer Formative Assessments

Context

- Math 7 Word Problems Unit
- **To reflect mastery of content**
SWBAT:
 - Define variables
 - Translate word problem to algebraic expression
 - Solve word problem with appropriate mathematical process

Identified Problems

Students...

- Immediately defaulted to solving the problem without a consistent process particularly around forming expressions
- Displayed difficulty relating variables to one another when forming algebraic expressions



DUAL ROLES:

- STUDENT
- EVALUATOR



STUDENT

- Identify & define variables
- Translate words to algebraic expression
- Solve for the final answer..Show your process!

EVALUATOR

- ONE AFFIRMATION
- ONE QUESTION
- ONE SUGGESTION

GROUP ROLES

- READER
- SCRIBE 1
- SCRIBE 2

QUESTIONS:

Clara lends half her collection of formal outfits to her sister, Susan. Clara then buys four more outfits. If she has 12 outfits now, how many outfits did Clara have initially?

A bus departed from New York at 11 pm with 44 passengers. An hour later, a few passengers got off at New Jersey. The number of passengers who boarded the bus at New Jersey were twice the number of passengers who got off the bus. If the bus has 50 passengers now, how many passengers got off at New Jersey?

Megan and four of her friends plan to go for a long drive. She buys 12 bottles of frappe and a few bottles of orange juice from a supermarket. The total number of bottles they have are four times that of orange juice bottles. How many bottles of orange juice did Megan buy?

02:00

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Student Impact

SWBAT:

- Identify the absence of properly defined and related variables*
- Identify an absence of equation... *“Where is your equation?”* *
- Identified areas in the Word Problem process that they individually struggled on and needed to refine*
- 100% participation at any given time

