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### **Operations and Algebraic Thinking**

- Unpack the Standards
  - Standard
  - SLOs
  - Rationale
  - Vocabulary
  - Prerequisites
- Math Stations
- Connection to Assessment
- Debrief and Discuss

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# Problem Solving Task Cards



### Benefits of Task Cards

- A great way to engage students
- Students choose which task they do first
- Students do not feel overwhelmed by multiple problems on a worksheet
- Mathematical discourse takes place when working with a partner
- Answers can be provided for © 2020 Inspired Instruction, self-assessment

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### Vocabulary

multiplication/multiply division/divide addition/add subtraction/subtract equations unknown remainders reasonableness mental computation estimation rounding

## Prerequisite Skills

#### Concept(s):

Letters or symbols in an equation represent an unknown quantity.

#### Students are able to:

- represent the solution to twostep word problems with equations.
- use a symbol to represent an unknown in an equation.
- assess the reasonableness of answers in two-step word problems using mental computation and estimation strategies including rounding
- explain, using an estimation strategy, whether an answer on, is reasonable.

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- This standard refers to expressions.
- Students should understand the difference between an expression and an equation.
- This standard calls for students to verbally describe the relationship between expressions without actually calculating them.
- The standard does not include the use of variables, only numbers and signs for operations.

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# Debrief and Discuss

"Next Day Plan"

Discuss with a partner(s):

How will today's unpacking of the standards and math stations impact your delivery of instruction?

What are some immediate changes that can be implemented?

What is your "Next Day Plan"?

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