

Lesson 6: Represent Numbers with Expressions

- Let's compose and decompose numbers to make equal expressions.

Warm-up: True or False: Place Value

Decide if each statement true or false. Be prepared to explain your reasoning.

- 5 hundreds + 2 tens + 7 ones = 527

- 4 hundreds + 12 tens + 7 ones = 527

- 5 hundreds + 7 ones + 2 tens = 527

6.1: Make Equations True

Find the number that makes each equation true.

1. 5 hundreds + ____ tens + 6 ones = 5 hundreds + 5 tens + 16 ones

2. 1 hundred + 1 ten + 17 ones = 1 hundred + ____ tens + 7 ones

3. 4 hundreds + 15 tens + 3 ones = ____ hundreds + 5 tens + 3 ones

4. 4 hundreds + 3 tens + 7 ones = 3 hundreds + ____ tens + 7 ones

5. 7 hundreds + 8 tens + 4 ones = 7 hundreds + 7 tens + ____ ones



6. 6 hundreds + 9 ones = 5 hundreds + ____ tens + 9 ones

7. 2 hundreds + 9 tens + 17 ones = ____ hundreds + 7 ones

8. 3 hundreds + 1 ten + 5 ones = 2 hundreds + 10 tens + ____ ones

If You Have Time: Make your own equation with a missing value for your partner.

6.2: Card Sort: Expressions with Three-digit Values

Group the cards into sets of expressions that have the same value. Record the letters of the matching cards. Write an expression that represents the same value.

1. letters for matching expressions: _____

new expression:

2. letters for matching expressions: _____

new expression:

3. letters for matching expressions: _____

new expression:

4. letters for matching expressions: _____

new expression:
