## Unit 9 Lesson 6: Represent Numbers with Expressions

### WU True or False: Place Value (Warm up)

#### Student Task Statement

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

### 1 Make Equations True

#### Student Task Statement

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

* 

1. 6 hundreds + 9 ones = 5 hundreds + \_\_\_\_\_ tens + 9 ones
2. 2 hundreds + 9 tens + 17 ones = \_\_\_\_\_ hundreds + 7 ones
3. 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.

### 2 Card Sort: Expressions with Three-digit Values

#### Student Task Statement

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:

1. letters for matching expressions: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* new expression:

1. letters for matching expressions: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* new expression:

1. letters for matching expressions: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* new expression:



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