## ADDITION AND SUBTRACTION **ARROW ADDITION** LESSON 2

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### TODAY'S OBJECTIVE

# Today, we will decompose an addend to add 3-digit numbers.

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### TAKE OUT YOUR MATH JOURNALS



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#### Today we are going to add numbers using arrow addition.

### 252 + 268 = ?

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#### Decomposing means to break numbers down into parts. There are many ways to decompose numbers.



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2nd: Set up the problem



#### 3rd: Add each decomposed part to find the sum



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2nd: Set up the problem



3rd: Add each decomposed part to find the sum



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#### Let's solve together using arrow addition.

### 377 + 225 = ?

Do you remember what we do in Step 1?

We need to decompose an addend. Let's see what I did already.

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3rd: Add each decomposed part to find the sum



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3rd: Add each decomposed part to find the sum

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### CHECK - IN

 What did you notice?
Can you make a connection to anything else you already know? How?
Do you have any questions?

### IT'S YOUR TURN

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#### Don't forget to explain your thinking!

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#### Use the arrow addition method to solve the equation.

### 244 + 241 = ?

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#### USE THE ARROW METHOD TO SOLVE. STRATEGY WILL VARY.

There are many ways to decompose numbers and solve this problem. This is just one way.





#### Use the arrow addition method to solve the equation.

### 435 + 226 = ?

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#### USE THE ARROW METHOD TO SOLVE. STRATEGY WILL VARY.

There are many ways to decompose numbers and solve this problem. This is just one way.





#### Use the arrow addition method to solve the equation.

### 299 + 148 = ?

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#### USE THE ARROW METHOD TO SOLVE. STRATEGY WILL VARY.

There are many ways to decompose numbers and solve this problem. This is just one way.





#### Use the arrow addition method to solve the equation.

### 414 + 406 = ?

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#### USE THE ARROW METHOD TO SOLVE. STRATEGY WILL VARY.

There are many ways to decompose numbers and solve this problem. This is just one way.





#### Max believes the sum is 515. Do you agree or disagree? Use arrow addition method to solve the equation.

### 356 + 249 = ?

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#### USE THE ARROW METHOD TO SOLVE. STRATEGY WILL VARY.

There are many ways to decompose numbers and solve this problem. This is just one way.





Alicia says the sum is 810. Do you agree or disagree? Use the arrow addition method to solve the equation.

### 672 + 138 = ?

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#### USE THE ARROW METHOD TO SOLVE. STRATEGY WILL VARY.

There are many ways to decompose numbers and solve this problem. This is just one way.



