Unit 3, Lesson 16

Add 3 Numbers

Let’s add 3 numbers.

Warm-up

Number Talk: Related Expressions

Find the value of each expression mentally.

- $7 + 10$
- $7 + 2 + 8$
- $10 + 9$
- $4 + 9 + 6$

Activity 1

Match Expressions

Draw a line to match expressions with the same value.

expressions with 3 numbers	$10 + \square$ expression
• $4 + 6 + 8$	$10 + 1$
• $3 + 6 + 7$	$10 + 2$
• $9 + 1 + 1$	$10 + 3$
• $8 + 4 + 2$	$10 + 4$
• $5 + 5 + 9$	$10 + 5$
• $7 + 3 + 3$	$10 + 6$
• $5 + 10 + 5$	$10 + 7$
• $4 + 7 + 6$	$10 + 8$
• $9 + 5 + 1$	$10 + 9$
• $1 + 10 + 1$	$10 + 10$

If you have time: Write another expression with 3 numbers. 2 of the numbers should make 10.

Ask your partner to think of the matching $10 + \square$ expression.

Activity 2

Is the Equation True?

Determine whether each equation is true or false.
Be ready to explain your reasoning.

- $7 + 3 + 4 = 10 + 4$



True or False

- $6 + 5 + 4 = 15 + 10$



True or False

- $9 + 10 = 9 + 10 + 1$



True or False

- $3 + 7 + 8 = 8 + 10$



True or False

- $5 + 10 + 5 = 10 + 10$



True or False

If you have time:

1. Make any false equations true.
2. Write 1 equation that is true and 1 that is false. Switch with your partner.

Activity 3

Write Expressions

Write a $10 + \square$ expression that has the same value as each expression.

- $5 + 7 + 5$

- $3 + 7 + 6$

- $1 + 9 + 9$

- $4 + 8 + 6$

- $8 + 10 + 2$

If you have time, write as many expressions as you can with 3 numbers that have the same value as $10 + 5$.