## Lesson 16: Add Three Numbers

* Let’s add 3 numbers.

### Warm-up: Number Talk: Related Expressions

Find the value of each expression mentally.

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

### 16.1: Match Expressions

Draw a line to match expressions with the same value.

expressions with 3 numbers

$10+$ expression

1. $4+6+8$
2. $3+6+7$
3. $9+1+1$
4. $8+4+2$
5. $5+5+9$
6. $7+3+3$
7. $5+10+5$
8. $4+7+6$
9. $9+5+1$
10. $1+10+1$

$10+1$

$10+2$

$10+3$

$10+4$

$10+5$

$10+6$

$10+7$

$10+8$

$10+9$

$10+10$

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 $10+$ expression.

### 16.2: Is the Equation True?

Determine whether each equation is true or false.
Be ready to explain your reasoning in a way that others will understand.

1. $7+3+4=10+4$
* 
1. $6+5+4=15+10$
* 
1. $9+10=9+10+1$
* 
1. $3+7+8=8+10$
* 
1. $5+10+5=10+10$
* 

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.

### 16.3: Write Expressions

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

1. $5+7+5$
2. $3+7+6$
3. $1+9+9$
4. $4+8+6$
5. $8+10+2$

If you have time, write as many expressions as you can with 3 numbers that are equal to $10+5$.



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