

Monday, October 3, 2016

## Belief Statement

We learn best by  
making mistakes.

## Belief Statement

I learn best by making mistakes.

Do Now

# Properties of Operations

Worksheet - 6 minutes

# Agenda

1. Belief Statement
2. Do Now
3. Learning Objective
4. Vocabulary
5. Whole Group Instruction - Khan Academy
6. Small Group Practice - IXL
7. Exit Slip

Goal

I can apply the properties of operations to generate equivalent expressions.

# Vocabulary Matching

Expressions

a statement the values of two math expressions are equal. Have an equal sign.

Equivalent

Order does not matter when adding or multiplying

Commutative Property

The regrouping of numbers inside parentheses

Associative Property

mathematical phrase that can contain numbers, variables, or operations

# Whole Group Instruction - Video (Khan Academy)

<https://www.khanacademy.org/math/pre-algebra/pre-algebra-arith-prop/pre-algebra-arithmetic-properties/e/commutative-property-of-multiplication>

<https://www.khanacademy.org/math/pre-algebra/pre-algebra-arith-prop/pre-algebra-arithmetic-properties/e/associative-property-of-multiplication->



Small Group Practice

IXL - 7TH Grade, R.8 - Properties of  
Addition and Multiplication

# Exit Slip - Properties of Addition and Multiplication

Tuesday, October 4, 2016

## Belief Statement

We don't know everything. But when we work with others, we learn even more.

## Belief Statement

I don't know everything. But when I work with others, I learn even more.

## Do Now

Write four mathematical expressions.

Two expressions which demonstrate the commutative property of multiplication.

Two expressions which demonstrate the associative property of multiplication.

# Agenda

1. Belief Statement
2. Do Now
3. Goal for the Day
4. Whole Group Instructions - Writing expressions using variables
5. Small Group Practice - Writing expressing using variables

Goal

I can write and evaluate  
addition and subtraction  
expressions.



Thursday, October 6, 2016

## Belief Statement

We believe we can,  
so we can!

## Belief Statement

I believe we can, so  
I can!

Do Now - Properties and Expressions

Answer the questions on  
your Do Now sheet.

# AGENDA

1. Belief Statement
2. Do Now
3. Goal for the Day
4. Whole Group Instruction
5. Small Group Practice

Goal for the Day

# Evaluate Expressions with Variables

# Whole Group Instruction

Khan Academy Video

<https://www.khanacademy.org/math/pre-algebra/pre-algebra-equations-expressions/pre-algebra-evaluating-expressions-word-problems/a/evaluating-expressions-with-variables-in-word-problems>

# Small Group Instruction

<https://www.khanacademy.org/math/pre-algebra/pre-algebra-equations-expressions/pre-algebra-evaluating-expressions-word-problems/a/evaluating-expressions-with-variables-in-word-problems>