

Accentuate the Negative Overview

Investigation One - Extending the Number System

N.FL.06.10a/b/c/d

Add, Subtract, Multiply and Divide positive rational numbers fluently

N.FL.07.07

Solve problems involving operations with integers

N.ME.06.17a

Locate negative rational numbers (including integers) on the number line

N.ME.06.17b

Know that numbers and their negatives add to 0

N.ME.06.19

***Understand that 0 is an integer that is neither negative nor positive*

N.FL.06.09e/f

Use the number line and chip models for addition and subtraction

Investigation Two - Adding and Subtracting Integers

N.FL.06.09a

Add integers between -10 and 10

N.FL.06.09c

Subtract integers using related facts

N.ME.06.20

***Know that the absolute value of a number is the value of the number ignoring the sign; or it is the distance of the number from 0*

N.ME.06.17c

Know that numbers and their negatives are on opposite sides and at equal distance from 0 on the number line

N.MR.06.08a

Understand integer subtraction as the inverse of integer addition

A.RP.06.02a

Plot ordered pairs of integers

A.RP.06.02b

***Use ordered pairs of integers to identify points in all four quadrants of the coordinate plane*

Investigation Three - Multiplying and Dividing Integers

N.FL.07.08c

Multiply positive and negative rational numbers fluently

N.FL.06.09b

Multiply integers between -10 and 10

N.FL.06.09d

Divide integers using related facts

N.MR.06.08b

Understand integer division as the inverse of integer multiplication

N.FL.07.08d

Divide positive and negative rational numbers fluently, calculators otherwise

Investigation Four - Properties of Operations

No GLCES in this Investigation however there are some foundational concepts in this Investigation for future use