The Number System Addition & Subtraction of Rational Numbers 7th Grade Common Core

Term 1 Unitz 7.NS.A.1 7.NS.A.1a 7.NS.A.5 7.NS.A.1c 7.NS.A.d 7.NS.A.3 Contains Video Lessons for: Learn Zillion KHAN Academy Miscellaneous Sites

Sandy Point, MD Sandy Point Shoal Lighthouse Built in 1858

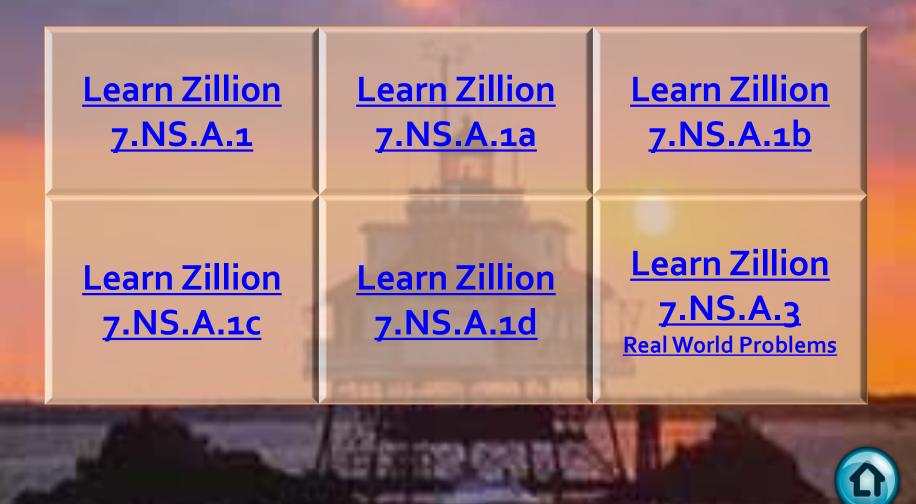
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> KHAN Academy 7.NS.A.1

KHAN Academy 7.NS.A.1a 7.NS.A.1b 7.NS.A.1c 7.NS.A.1d

KHAN Academy 7.NS.A.3



Miscellaneous Video Lessons

<u>Absolute Value</u> <u>by Shmoop</u>	Absolute Value Problem by Shmoop	<u>Absolute Value</u> <u>by Math Dude</u>
Simplifying Fractions	Adding & Subtracting <u>Fractions</u>	Adding Fractions with Unlike Denominators
Multiplying Fractions	<u>Negative Numbers</u>	Learn the Rules of Positive and Negative <u>Numbers</u>
<u>Learn Alberta Spy Guys</u>	Adding & Subtracting Integers	Add & Subtract Integers
	Adding Fractions with Negatives, Rational Numbers	



KHAN Academy Video Lessons 7.NS.A.1

Adding Negative Numbers

Learn How to Add and Subtract Negative Numbers

Negative Number Word Problems





KHAN Academy Vídeo Lessons 7.NS.A.1a, 1b. 1c, 1d

Constructing and Interpreting Absolute Value 7.NS.A.1a

Adding Integers with Different Signs 7.NS.A.1b

<u>Subtracting a Negative = Adding a Positive</u> <u>7.NS.A.1c</u>

Adding Fractions with Different Signs 7.NS.A.1d





KHAN Academy Vídeo Lessons 7.NS.A.3

> Multiplying Negative and Positive Fractions

Dividing Negative Fractions

Expressions with Rational Numbers

Rational Number Word Problem with Fractions Expressions as Positive or Negative

Rational Number Word Problem with Ratios

Rational Number Word Problem with Proportions **Rational Number Word Problem with Decimals**

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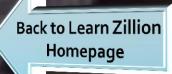
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> Determine the Values of Opposite Numbers Using a Number Line

> > Use Additive Inverse to Make o

Find the Additive Inverse Using an Equation <u>Understand the Concept of</u> <u>Additive Inverse</u>

<u>Determine Which Values</u> <u>Combine to Make o</u>





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> <u>Combine Opposite Quantities</u> to Make Zero Using a Number Line

Add Integers Using a Number Line

Add Positive and Negative Integers Using a Number Line

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Add Integers Using Chips

Add Integers With the Same Sign Using Number Lines

Add Integers With Opposite Signs Using a Number Line Adding Integers with Opposite Signs Using an Algorithm

Add Rational Numbers Using Algorithms and Number Lines Solve Word Problems with Rational Numbers

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Learn Zillion Video Lessons 7.NS.A.1c

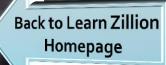
Subtract Decimals: Using Place Value Chart Subtract Integers By Adding the Additive Inverse

Subtract Rational Numbers in Real-World Contexts <u>Understand</u> <u>Subtraction as Adding</u> <u>the Additive Inverse</u>

<u>Subtract Integers</u> <u>Using Number Lines</u> Subtract Integers Using Distance on a Number Line Find the Distance Between Two Points Using Absolute Value

Subtract Integers Using Integer Chips

Subtract Rational Numbers Using an Algorithm





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Add Decimals: Using a Place-Value Chart

Add Mixed Fractions: Using Improper Fractions

<u>Demonstrate the</u> <u>Commutative Property</u> <u>of Addition</u> <u>with a Number Line</u> Add Mixed Fractions: Regrouping

Adding Two Positive or Two Negative Integers on a Number Line

<u>Subtract Integers Using</u> <u>the "Take away"</u> <u>Definition of Subtraction</u> <u>on a Number Line</u>

Subtract Integers Using the Difference Definition of Subtraction on a Number Line Subtract Mixed Fractions: <u>Regrouping</u>

> Adding Positive and Negative Integers on a Number Line

Determine the Distance Between Integers By Examining Absolute Value and Number Lines

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> Use Addition and Subtraction to Solve Real-World Problems

Use Addition and Subtraction to Solve Real-World Problems Involving Fractions

Simplify Expressions with Order of Operations

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