

Unit Topic The Number System

Standards M07.A-N.1.1

Unit Essential Question

Lesson 1 Focus

Properties of Addition and Subtraction

Standards

M07.A-N.1.1.1, M07.A-N.1.1.2

Students Will Know... (Key Vocabulary)

rational numbers, integers,

Students Will Be Able To...

1. Understand and apply the commutative, associative, identity, and inverse properties of addition. 2. Understand and apply the distributive property. 3. Add and subtract rational numbers. 4. Add and subtract integers with and without number lines.

Lesson Essential Question 1

What are the properties of addition and subtraction and how are they helpful?

Lesson 2 Focus

Properties of Multiplication and Division

Standards

M07.A-N.1.1.3

Students Will Know... (Key Vocabulary)

undefined, terminating and repeating decimals

Students Will Be Able To...

1. Understand and apply the commutative, associative, identity and inverse properties of multiplication, the properties of multiplying and dividing by zero. 2. Understand and apply the distributive property. 3. Multiply and divide rational numbers and integers. 4. Identify fractions

Lesson Essential Question 2

What are the properties of multiplication and division and how are they helpful?

Lesson 3 Focus

Single Step Real World Problems

Standards

M07.A-N.1.1

Students Will Know... (Key Vocabulary)

Students Will Be Able To...

1. Identify words that indicate addition and subtraction. 2. Identify words that indicate multiplication and division. 3. Identify words that indicate positive or negative situations. 4. Identify words that indicate a proportion.

Lesson Essential Question 3

What words indicate mathematical operations in real world problems?

Lesson 4 Focus

Standards

Students Will Know... (Key Vocabulary)

Students Will Be Able To...

Lesson Essential Question 4

Lesson 5 Focus

Standards

Students Will Know... (Key Vocabulary)

Students Will Be Able To...

Lesson Essential Question 5

Major Unit Assignment Test

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