Monday 08/21/2023	Tuesday 08/22/2023	Wednesday 08/23/2023	Thursday 08/24/2023	Friday 08/25/2023
7th Grade **3.1 - Integers and Absolute Value** **Learning Target** Students will be able to write integers for real world scenarios as well as evaluate expressions with absolute value. **Standards** 7.NS.3 Solve real-world and mathematical problems involving the four operations with rational numbers. **Instruction** **Warm Up: #2** **Vocab: integers, absolute value** - Check over Independent Practice (1- 14, 16) - Integer Practice (Desmos Activity) - solve equations with absolute value (PEMDAS) - flipchart in Ch. 3 folder - time to work on homework **Assessment** ***Extra Practice 18 - 38 (ALL - p. 197 -198)***	**7th Grade** **Inquiry Lab - Add Integers** **Learning Target** Students will discover the process of adding integers through discovering. **Standards** 7.NS.1b Understand p + q as the number located a distance |q| from p, in the positive or negative direction depending on whether q is positive or negative. Show that a number and its opposite have a sum of 0 (are additive inverses). Interpret sums of rational numbers by describing real-world contexts. **Instruction** **Warm Up: #3 - Absolute Value Challenge** **Vocab: opposites, zero pair** - walk through Hands-on Activity 1 & 2 together - discuss "what is a zero pair?" "What are opposites" - show how to use computers as well as just on paper - students can work with pod partner and complete lab (p. 201- 202) **Assessment** ***Inquiry Lab***	**7th Grade** **3.2 - Adding Integers** **Learning Target** Students will understand how to add integers that have like or unlike signs. **Standards** 7.NS.1b Understand p + q as the number located a distance |q| from p, in the positive or negative direction depending on whether q is positive or negative. Show that a number and its opposite have a sum of 0 (are additive inverses). Interpret sums of rational numbers by describing real-world contexts. **Instruction** **Warm Up: #4** **Vocab: opposites, zero pair** - discuss lab #9, 19, 16, 19 - Vocabulary Start Up p. 203 - use slides to walk though 1 - 6 **Assessment** ***Independent Practice p. 207 (1 - 12)***	**7th Grade** **3.2 - Adding Integers** **Learning Target** Students will understand how to add integers that have like or unlike signs. **Standards** 7.NS.1b Understand p + q as the number located a distance |q| from p, in the positive or negative direction depending on whether q is positive or negative. Show that a number and its opposite have a sum of 0 (are additive inverses). Interpret sums of rational numbers by describing real-world contexts. **Instruction** **Warm Up: Quiz (3.1 & 3.2 - Google Form)** **Vocab: opposites, zero pair** - discuss Independent Practice - work time after the quiz for homework (3.2 HW and Problem Solving WS) **Assessment** ***HW Practice : Evens Problem Solver: ALL*** **Notes** **Warm Up: Quiz (3.1 & 3.2 - Google Form)** **Vocab: opposites, zero pair**	**No School Day**
8th Grade **1.1 - Rational Numbers** **Learning Target** Students will be able to understand what rational	**8th Grade**	**8th Grade** **1.2 - Powers and Exponents** **Learning Target**		

numbers are and they will be able to convert decimals to fractions and fractions to decimals.

Standards

8.NS.1 Know that numbers that are not rational are called irrational. Understand informally that every number has a decimal expansion; for rational numbers show that the decimal expansion repeats eventually, and convert a decimal expansion which repeats eventually into a rational number.

Instruction

Warm Up: #2
Vocab: rational numbers, terminating & repeating decimals
- talk through/correct Independent Practice (1 - 10, 19)
- Problem Solving Practice (2 - 5, 7)
- work time for Extra Practice

Assessment

Extra Practice (ALL - p. 13 - 14)

1.2 - Powers and Exponents

Learning Target

Students will be able to evaluate and simplify expressions with exponents.

Standards

8.EE.1 Know and apply the properties of integer exponents to generate equivalent numerical expressions. For example, $3^2 \times 3^{-5} = 3^{-3} = 1/3^3 = 1/27$.

Instruction

Warm Up: #3
Vocab: base, power, exponent
- walk through examples using Flipchart
- We Do: Guided Practice p. 18
- Think-Pair-Share Challenge Problems
- Self-Check Quiz to decide homework problems

Assessment

Independent Practice p. 19 - 20
If 5/5 (4 - 12)
If lower then 1 - 12

Students will be able to evaluate and simplify expressions with exponents.

Standards

8.EE.1 Know and apply the properties of integer exponents to generate equivalent numerical expressions. For example, $3^2 \times 3^{-5} = 3^{-3} = 1/3^3 = 1/27$.

Instruction

Warm Up: #4
Vocab: base, power, exponent
- correct and discuss Independent Problem
- Think-Pair-Share: #13 - 14, 16
- 1.1 and 1.2 Quiz on McGraw
- when finished work on homework

Assessment

Extra Practice p. 21 - 22 (ALL except #27)

- discuss Independent Practice
- work time after the quiz for homework (3.2 HW and Problem Solving WS)

8th Grade

1.3 - Mult. & Divide Monomials

Learning Target

Students will be able to generate equivalent expressions in dealing with multiplying and dividing with monomials.

Standards

8.EE.1 Know and apply the properties of integer exponents to generate equivalent numerical expressions. For example, $3^2 \times 3^{-5} = 3^{-3} = 1/3^3 = 1/27$.

Instruction

Warm Up: #5
Vocab: monomial
- Partner: Real-World Link p. 23
- walk through examples using Flipchart
- Think-Pair-Share: Guided Practice 1 - 6
- Fill out Foldable
- work on Completion Assignment

Assessment

Independent Practice p. 27 (1 - 12, 14 - 16)