Monday 10/02/2023	Tuesday 10/03/2023	Wednesday 10/04/2023	Thursday 10/05/2023	Friday 10/06/2023

7th Grade (Monday)

4.7 - Conversions

Learning Target

Students will be able to convert units of measure between the customary and metric system.

Standards

`7.NS.2` Apply and extend previous understandings of multiplication and division and of fractions to multiply and divide rational numbers.

`7.NS.3` Solve real-world and mathematical problems involving the four operations with rational numbers.

`7.RP.3` Use proportional relationships to solve multistep ratio and percent problems. Examples: simple interest, tax, markups and markdowns, gratuities and commissions, fees, percent increase and decrease, percent error.

Instruction

Warm Up: #22
Vocab: customary and metric units
- check and discuss Got It ?'s
- class discussion on 1 - 5
- board work on p. 323 (1 - 9)
- hand out study guides

7th Grade (Tuesday)

4.7 - Conversions

Learning Target

Students will be able to convert units of measure between the customary and metric system.

Standards

`7.NS.2` Apply and extend previous understandings of multiplication and division and of fractions to multiply and divide rational numbers.

`7.NS.3` Solve real-world and mathematical problems involving the four operations with rational numbers.

`7.RP.3` Use proportional relationships to solve multistep ratio and percent problems. Examples: simple interest, tax, markups and markdowns, gratuities and commissions, fees, percent increase and decrease, percent error.

Instruction

Warm Up: #23
Vocab: customary and metric units
- walk through problems 4 - 6 (p. 323), 13 - 14 (p. 324), 36 (p. 362)
- work time on 4.7 online assignment
- work on study guide

7th Grade (Wednesday)

4.7 - Conversions

Learning Target

Students will be able to convert units of measure between the customary and metric system.

Standards

`7.NS.2` Apply and extend previous understandings of multiplication and division and of fractions to multiply and divide rational numbers.

`7.NS.3` Solve real-world and mathematical problems involving the four operations with rational numbers.

`7.RP.3` Use proportional relationships to solve multistep ratio and percent problems. Examples: simple interest, tax, markups and markdowns, gratuities and commissions, fees, percent increase and decrease, percent error.

Instruction

Warm Up: #24
Vocab: customary and metric units
- 4.7 converting measurement stations
- students grab a card from the front (matching cards are partners)

Parent-Teacher Conference (Thursday)

7th Grade

Ch. 4 Test (30 min classes)

Learning Target

Students will be able to recall their knowledge and use their understanding to solve problems dealing with rational numbers.

Instruction

Warm Up: None
Vocab:
- split test into two parts
- students must complete the fraction part first without calculator
- turn in 1st part, receive conversions (may use calculator)
- tests found in binder

Assessment

Nothing

8th Grade

2.2 - Solving Two Step Equations (30 min. classes)

Learning Target

Students will be able solve two-step equations.

Standards

`8.EE.7` Solve linear equations in one variable.

Instruction

No School Day (Friday)

No School Day

Dan Meyer 3 Act Math: http://www.101qs.com/3583

Assessment

Start on 4.7 Go Formative (due Wednesday)

8th Grade

1.6 - 1.10 Test Day

Learning Target

Students will be able to recall their knowledge and use their understandings to solve problems dealing with scientific notation and rational/irrational numbers.

Instruction

Warm Up: None
Vocab:
Test over sections 1.6 - 1.10 (online McGraw Hill)
Vocab on Test:
- Natural number
- whole number
- integers
- rational number
- irrational number
- real number
Topics:
- Scientific Notation
- Operations in Scientific Notation
- Roots
- Estimating Roots
- Compare and ordering rational numbers

Assessment

- use 4.7 stations as practice problems

Assessment

Finish 4.7 Go Formative

8th Grade

2.1 - Equations w/Rational Coefficients

Learning Target

Students will be able to evaluate equations with rational coefficients.

Standards

8.EE.7 Solve linear equations in one variable.

8.EE.7b Solve linear equations with rational number coefficients, including equations whose solutions require expanding expressions using the distributive property and collecting like terms.

Instruction

Warm Up: #22
Vocab: reciprocal, inverse, coefficient
- walk through examples and Got It's on p. 112 - 114
- practicing writing equations and defining variables (#4, 10, 11 p. 114 - 115)

Assessment

2.1 McGraw Hill (due Thursday)

- complete the 15 stations on answer paper
- when finished, work on the Ch. 4 Study Guide or the Ch. 4 Self Check Review on McGraw Hill

Assessment

4.7 Stations

8th Grade

2.1 - Equations w/Rational Coefficients

Learning Target

Students will be able to evaluate questions with rational coefficients.

Standards

8.EE.7 Solve linear equations in one variable.

8.EE.7b Solve linear equations with rational number coefficients, including equations whose solutions require expanding expressions using the distributive property and collecting like terms.

Instruction

Warm Up: #23
Vocab: reciprocal, inverse, coefficient
- walk through the 8 Problem Solver Questions
- 2.1 Quizizz (15 questions)
- students come up to the board (the rest solve it on notebook paper)

Warm Up: #24 - Talk About It Thursday
Vocab: two-step equation
- walk through and check Got It ?'s on p. 122 - 123
- play Blooket Battle Royale for more practice
- Start on Go Formative (due Thursday)

Assessment

Start on 2.2 Go Formative

2.1 EDPuzzle

- work time for 2.1 assignment

Assessment

Finish 2.1 online hw
2.2 EDPuzzle