Monday 09/25/2023	Tuesday 09/26/2023	Wednesday 09/27/2023	Thursday 09/28/2023	Friday 09/29/2023
7th Grade	**7th Grade**	**7th Grade**	**7th Grade**	**No School Day**
				No School Day

Monday 09/25/2023 — 7th Grade

4.6 - Multiplying Fractions

Learning Target
Students will be able to fluently multiply fractions.

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

7.EE.2 Understand that rewriting an expression in different forms in a problem context can shed light on the problem and how the quantities in it are related. For example, a + 0.05a = 1.05a means that "increase by 5%"is the same as "multiply by 1.05."

Instruction
Warm Up: #18
Vocab:
- walk through the examples and Got It ?'s
- have students pair up and work on p. 315 (1 - 15)
- discuss p. 315
- discuss how "of a number" means multiplication
- work time on homework

Assessment
4.6 Homework Practice and Problem Solving WS - ALL (due Wednesday)

Tuesday 09/26/2023 — 7th Grade

4.6 - Multiplying Fractions

Learning Target
Students will be able to fluently multiply fractions.

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

7.EE.2 Understand that rewriting an expression in different forms in a problem context can shed light on the problem and how the quantities in it are related. For example, a + 0.05a = 1.05a means that "increase by 5%"is the same as "multiply by 1.05."

Instruction
Warm Up: #19
Vocab:
- 3 - 5 examples of multiplying fractions
- Grudgeball (Kahoot Questions)
- rest of the time for homework

Assessment
Finish 4.6 WS

8th Grade

Wednesday 09/27/2023 — 7th Grade

4.8 - Dividing Fractions

Learning Target
Students will be able to fluently divide fractions.

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.

Instruction
Warm Up: #20
Vocab: reciprocal
- students pair up and work on p. 327 *see the connection why we multiply by the reciprocal*
- practice finding the reciprocal of different fractions (mixed, whole)
- walk through examples 1 - 4
- Board Work p. 330 (1 - 4) p. 331 (1 - 6)

Assessment
Start on 4.8 Go Formative (due Monday)

8th Grade
1.10 - Comparing Real Numbers
Learning Target

Thursday 09/28/2023 — 7th Grade

4.8 - Dividing Fractions

Learning Target
Students will be able to fluently divide fractions.

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.

Instruction
Warm Up: #21 - Talk About It Thursday
Vocab: reciprocal
- real world practice p. 331 (7 - 8) p. 333 (18-20), p. 334 (23)
- work time to complete 4.8 Go Formative
- hand out study guides

Assessment
Finish 4.8 Go Formative 4.7 EDPuzzle

8th Grade
1.6 - 1.10 Review Day
Learning Target
Students will review and refresh their prior knowledge from lessons 1.6 - 1.10.

8th Grade

1.9 - Estimating Roots

Learning Target

Students will be able to estimate both square and cubed roots to the nearest integer and tenth.

Standards

8.EE.2 Use square root and cube root symbols to represent solutions to equations of the form $x^2 = p$ and $x^3 = p$, where p is a positive rational number. Evaluate square roots of small perfect squares and cube roots of small perfect cubes. Know that $\sqrt{2}$ is irrational.

8.NS.2 Use rational approximations of irrational numbers to compare the size of irrational numbers, locate them approximately on a number line diagram, and estimate the value of expressions (e.g., π^2). For example, by truncating the decimal expansion of $\sqrt{2}$, show that $\sqrt{2}$ is between 1 and 2, then between 1.4 and 1.5, and explain how to continue on to get better approximations.

Instruction

Warm Up: #19
Vocab: square and cubed root

1.10 - Comparing Real Numbers

Learning Target

Students will be able to compare mathematical expressions and will understand the difference between rational and irrational numbers.

Standards

8.EE.2 Use square root and cube root symbols to represent solutions to equations of the form $x^2 = p$ and $x^3 = p$, where p is a positive rational number. Evaluate square roots of small perfect squares and cube roots of small perfect cubes. Know that $\sqrt{2}$ is irrational.

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.

8.NS.2 Use rational approximations of irrational numbers to compare the size of irrational numbers, locate them approximately on a number line diagram, and

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Students will be able to compare mathematical expressions and will understand the difference between rational and irrational numbers

Standards

8.EE.2 Use square root and cube root symbols to represent solutions to equations of the form $x^2 = p$ and $x^3 = p$, where p is a positive rational number. Evaluate square roots of small perfect squares and cube roots of small perfect cubes. Know that $\sqrt{2}$ is irrational.

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.

8.NS.2 Use rational approximations of irrational numbers to compare the size of irrational numbers, locate them approximately on a number line diagram, and estimate the value of expressions (e.g., π^2). For example, by truncating the

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Instruction

Warm Up: #21 - Talk About It Thursday
Vocab:
- Desmos Number Set Definition Sort
- Kahoot (Grudgeball)
- left over time study for the test

Assessment

Review for test (test on Monday)

- Check/discuss Got It ?'s on p. 83
- discuss how to better approximate using guided practice p. 84 (1 - 6) (using tenths, hundredths)
- partner practice to the nearest tenth (using homework practice WS) 4 examples
- work time to start on homework

Assessment

Extra Practice p. 87 - 88 (21 - 30, 32 - 33, Spiral Review is EC)

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estimate the value of expressions (e.g., π^2). For example, by truncating the decimal expansion of $\sqrt{2}$, show that $\sqrt{2}$ is between 1 and 2, then between 1.4 and 1.5, and explain how to continue on to get better approximations.

Instruction

Warm Up: #20
Vocab: number sets - real, natural, whole, integer, rational, irrational
- Real World Link p. 89
- talk through examples and Got It ?'s
- What's the Set! (Practice classifying numbers)
- p. 93 (1 - 9) and p. 94 (12)

Assessment

1.10 Self-Check Quiz

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decimal expansion of $\sqrt{2}$, show that $\sqrt{2}$ is between 1 and 2, then between 1.4 and 1.5, and explain how to continue on to get better approximations.

Instruction

Warm Up: 1.6 - 1.10 Quiz (Go Formative)
Vocab: number sets - real, natural, whole, integer, rational, irrational
- Irrational vs. Rational Sort
- correct completion check
- Classify, Compare, order Numbers Partner Activity (found in Ch. 1 binder)

Assessment

Classify, Compare, Order Numbers Activity