August 2016

| ◄ [July 2016](http://www.wincalendar.com/July-Calendar/July-2016-Calendar.html) | **August 2016** | [September 2016](http://www.wincalendar.com/September-Calendar/September-2016-Calendar.html) ► |
| --- | --- | --- |
| **Sun** | **Mon** | **Tue** | **Wed** | **Thu** | **Fri** | **Sat** |
|  | 1  | 2  | 3 **Objective:**SWBAT understand and discuss classroom rules and consequences IOT visualize a successful 6th math year.**Activity:**Rules and ConsequencesSurvey**HW:** Computation Challenge - Wednesday  | 4 **Objective:**SWBAT assess their prior knowledge of the number system IOT demonstrate mastery and recognize strengths and weakness in the unit.**Activity:**Pre-Assessment**HW:** Computation Challenge - Thursday | 5 **Objective:**SWBAT create and organize math notes IOT be prepared for quizzes and assessments. **Activity:**Setup InteractiveNotebook | 6  |
| 7  | 8 Objective:* Fluently add, subtract, multiply, and divide multi-digit decimals ***in order to*** accurately perform the standard algorithm and assess reasonableness of the result.

Activity: Add decimalsHW: Challenge - Monday | 9 Objective:* Fluently add, subtract, multiply, and divide multi-digit decimals ***in order to*** accurately perform the standard algorithm and assess reasonableness of the result.

Activity: Subtract decimals**HW:** Computation Challenge - Tuesday | 10 Objective:* Fluently add, subtract, multiply, and divide multi-digit decimals ***in order to*** accurately perform the standard algorithm and assess reasonableness of the result.

Activity: Add/Subtract Decimals | 11 **Boot Camp****Objective:**Objective:* Fluently add, subtract, multiply, and divide multi-digit decimals ***in order to*** accurately perform the standard algorithm and assess reasonableness of the result.

Activity: Multi-Decimal by Numbrs | 12 Objective:* Fluently add, subtract, multiply, and divide multi-digit decimals ***in order to*** accurately perform the standard algorithm and assess reasonableness of the result.

Activity: Quiz – Add/Subtract and mutplication with Decimals,IC- Homrwork and Quiz | 13  |
| 14  | 15 Objective:* Fluently add, subtract, multiply, and divide multi-digit decimals ***in order to*** accurately perform the standard algorithm and assess reasonableness of the result.

Activity: | 16 Objective:* Fluently add, subtract, multiply, and divide multi-digit decimals ***in order to*** accurately perform the standard algorithm and assess reasonableness of the result.

Activity: | 17 Objective* Fluently divide mulit-digit numbers ***in order to*** accurately perform the standard algorithm and assess reasonableness of the result.

Activity: | 18 Objective* Fluently divide mulit-digit numbers ***in order to*** accurately perform the standard algorithm and assess reasonableness of the result.

Activity | 19 Objective* Fluently divide mulit-digit numbers ***in order to*** accurately perform the standard algorithm and assess reasonableness of the result.

Activity: | 20  |
| 21  | 22 Objective:* Fluently add, subtract, multiply, and divide multi-digit decimals ***in order to*** accurately perform the standard algorithm and assess reasonableness of the result.

Activity:Dividing Decimals | 23 Objective:* Fluently add, subtract, multiply, and divide multi-digit decimals ***in order to*** accurately perform the standard algorithm and assess reasonableness of the result.

Activity: Quiz Decimals - All computations* Divisiblity Rules/100 chart
* Prime/composite Worksheet

Accelerated – GSE Task- Factors and Multiple Puzzle | 24 **Objective:*** Find the least common multiple of two whole numbers less than or equal to 12 ***in order to*** transfer this understanding to different contexts.
* Find the greatest common factors of two whole numbers less than 100 ***in order to*** construct an equivalent numerical expression using the distributive property to express a sum of two whole numbers as a multiple of a sum of two whole numbers with no common factors.

**Activity**GSE Task- Secret Number* Prime Factorization
* GCF using Venn Diagram

Accelerated – GSE Task- Factors and Multiple Puzzle | 25 **Objective:*** Find the least common multiple of two whole numbers less than or equal to 12 ***in order to*** transfer this understanding to different contexts.
* Find the greatest common factors of two whole numbers less than 100 ***in order to*** construct an equivalent numerical expression using the distributive property to express a sum of two whole numbers as a multiple of a sum of two whole numbers with no common factors.

Activity:GCF – Word Problems | 26 **bjective:*** Find the least common multiple of two whole numbers less than or equal to 12 ***in order to*** transfer this understanding to different contexts.
* Find the greatest common factors of two whole numbers less than 100 ***in order to*** construct an equivalent numerical expression using the distributive property to express a sum of two whole numbers as a multiple of a sum of two whole numbers with no common factors.

**Activity: 3-Act Task – Geared Up “Spotlight”** LCM using Venn DiagramIC Grade– Quiz and CW | 27  |
| 28  | 29 Objectives:* Compute quotients of fractions and mixed numbers using visual models ***in order to*** justify mathematical reasoning of fractions models, equations, and solve real world problems.
* Use a visual model to represent the division of a fraction by a fraction *in order to* analyze, interpret, and compute quotients of fractions.

Activity: Mini-lesson – 1. Adding/Subtracting/Multiplying Fraction, Converting Mix to Improper, visa-versa2. Model with manipulatives – Division of Fraction by Fraction/ whole number by a fraction/Mixed number by a fraction3. Model by drawing – Division of Fraction by Fraction/ whole number by a fraction/Mixed number by a fraction | 30 Objectives:* Compute quotients of fractions and mixed numbers using visual models ***in order to*** justify mathematical reasoning of fractions models, equations, and solve real world problems.
* Divide fractions by fractions using an algorithm or mathematical reasoning ***in order to*** justify the relationship between multiplication and division.
* Solve real world problems involving the division of fractions and interpret the quotient in the context of the problem ***in order to*** create story context for problems.

Activity : Standard Algorithm – Fraction Division/Fraction Word Problems | 31 Objectives:* Compute quotients of fractions and mixed numbers using visual models ***in order to*** justify mathematical reasoning of fractions models, equations, and solve real world problems.
* Divide fractions by fractions using an algorithm or mathematical reasoning ***in order to*** justify the relationship between multiplication and division.
* Solve real world problems involving the division of fractions and interpret the quotient in the context of the problem ***in order to*** create story context for problems.

Task: Share my Candy | Notes: |