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) ► |
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| **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 Consequences  Survey  **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 decimals  HW: 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 Diagram  IC 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-versa  2. Model with manipulatives – Division of Fraction by Fraction/ whole number by a fraction/Mixed number by a fraction  3. 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: | | |