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|  | Today | Tuesday | Wednesday | Thursday | Friday |
| Standards | **6.NS.4.** Find the greatest common factor of two whole numbers less than or equal to 100 and the least common multiple of two whole numbers less than or equal to 12. Use the distributive property to express a sum of two whole numbers 1–100 with a common factor as a multiple of a sum of two whole numbers  with no common factor. | 6.NS.4 | 6.NS.4 | 6.NS.4. | 6.NS.4. |
| Objectives | **SWBAT** write the divisibility rules for 2,3, 5,6,9,10 | **SWBAT** write prime factorization of numbers | **SWBAT** find the greatest common factors of two numbers | **SWBAT** find the least common multiples of two numbers | **SWBAT** find both GCF and LCM of two numbers |
| Procedures | **Bell Work:** review order of operation  **Instruction: Group work on four activities to explore the divisibility of 2, 3, 5, 6, 9 and 10.**  **Practice:** Record and practice journal | **Bell work:** review the divisibility rules  **Instruction:**  Example one: Finding factor pair  Example two: writing the prime factorization using factor tree  Example three: using a prime factorization  Example four: **Practice:** Record and Practice Journal: additional practice | **Bell work:** review of prime factorization  **Instruction:**  1: Finding GCF by listing all the prime factors  2. Finding GCF using prime factorization  3. Finding two numbers with given GCF  **Practice:** record and practice journal | **Bell work:** review of GCF  **Instruction:**  1: Using Venn-diagrams to find out common multiples of two numbers  2. Finding LCM using list of multiples  3. Finding LCM using prime factorization  4. Finding LCM of three numbers  **Practice:** record and practice journal | **Bell Work:** Review of LCM  **Instruction:**  1, Review of Prime factorization/  2: Review GCF  3: Review LCM |
| Assessment | Formative assessment by questioning, discussing | Exit ticket | Exit Ticket | Exit Ticket | Quiz two |
| Assignment | Page 28: 4—7, 8-15 | Page 28: 1 –3, 11 –23 odd, 24, 26, 27, 29, 33, 35 | Page 34: 1−3, 10 –15, 20, 22, 23 –33 odd | Page 40: 1−2, 8 –20 even, 25 –35 odd | Prime factorization work sheet |