**Activity 2 & 3 Objectives**

|  |  |  |  |
| --- | --- | --- | --- |
| Number | **Activity 2- Prime Factorization and Exponents** | Book Loc. | Got it? |
| 2.1 | 1. Determine whether a given whole number is a prime number or a composite number. | 2.1 |  |
| **2.2** | 1. **Express a composite number as a product of prime numbers.** | **2.1** |  |
| **2.3** | 1. **Evaluate a whole number or decimal raised to a whole number exponent.** | **2.2** |  |
| 2.4 | 1. Express prime factorization using exponents when a prime factor occurs more than once. | 2.2 |  |
|  | **Activity 3- Greatest Common Factor and Least Common Multiple** |  |  |
| 2.5 | 1. Find all the factors of a whole number. | 3.1 |  |
| **2.6** | 1. **Find the greatest common factor of two whole numbers.** | **3.1** |  |
| 2.7 | 1. Find multiples of a whole number. | 3.2 |  |
| **2.8** | 1. **Find the least common multiple of two or more whole numbers.** | **3.2** |  |