Finding the Least Common Multiple (LCM) Guided Notes

A \_\_\_\_\_\_\_\_\_\_\_ of a number is the product of that number and a whole number other than zero.

Multiples shared by numbers are called \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_.

The lowest common multiple of two or more numbers is called the \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_.

Example 1: Find the least common multiple of 6 and 8.

Example 2: Find the least common multiple of 12 and 15.

Example 3: Find the least common multiple of 5, 6 and 10.

Practice

Find the least common multiple.

1. 8, 10 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. 3, 9 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. 10, 15 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. 3, 6, 8 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_