

2.11 Learning Opportunity

GCF and LCM using Venn diagrams



Name: _____

For each set of numbers below, determine the prime factorization of each number then sort the numbers' prime factors into a Venn Diagram as we did in class. Use your Venn diagram to determine the GCF (greatest common factor) and LCM (least common multiple) of each set of numbers.

1) 15 and 35

1) 14 and 17

2) 60 and 84

4) 16, 40 and 88

5) 18, 42 and 54