

Lesson 5-2 **Reading in the Content Area****Main Idea****1. Mark the *main idea* with an *M*.****Mark the statement that is *too broad* with a *B*.****Mark the statement that is *too narrow* with an *N*.**

_____ Various methods can be used to find the greatest common factor of two or more numbers.

_____ Factors are very useful in math.

_____ The greatest common factor of 20 and 24 is 4.

Subject Matter**2. This lesson is mainly about how to _____****a. find the GCF of a set of numbers.****b. draw Venn diagrams.****c. find common denominators.****d. find the prime factorization of a composite number.****Supporting Details****3. A *Venn diagram* can be used to show _____****a. prime factorization.****b. how to find areas of circles.****c. different colored circles.****d. how elements among sets of numbers or objects are related.****Conclusion****4. To find the GCF of $15x$ and $20x$ _____****a. factor each expression and circle the common factors.****b. solve for x .****c. multiply 5 by x .****d. multiply 15 by 20.****Clarifying Details****5. The Greatest Common Factor (GCF) of prime numbers is _____****a. itself.****b. 0.****c. 1.****d. undefined.****Vocabulary in Context****6 The term *factors* means _____****a. addition facts.****b. two or more numbers that are multiplied together to form a product.****c. subtraction facts.****d. common fractions.**