



UNIT 1: Test Review



Instructions: Complete each definition with the correct vocabulary term from the word bank.

distributive
multiple

commutative
prime number

prime factorization
composite numbers

associative
factor

A _____ is a number greater than 1 than has no factors other than 1 and itself.

A _____ is a number that has more than one factor pair.

A _____ is a number that is multiplied by another number to get a product.

A _____ of a number is the number multiplied by another number.

A _____ is a list of all the prime factors of a number, usually written from least to greatest.

The _____ property states that multiplying the sum of two numbers by a factor is the same as multiplying each number by the factor and adding the products.

The _____ property states that the grouping of the numbers in a multiplication problem doesn't matter.

The _____ property states that the numbers in a multiplication problem can be multiplied in any order.

Instructions: Use the standard algorithm to solve each problem. Division problems may require you to interpret a remainder. Include a label for word problem answers. (Example: 2 cats + 3 cats = 5 cats)

1. A shipping box of books weighs 486 pounds. If there are 75 boxes of books that need to be shipped, what is the total shipping weight for the books?

