Name: _____ Class: _____ Date: _____ **ID: A**

7th Grade Math - Chapter 2 PRACTICE Test: sections 2-1 through 2-6

Matching (3-points each)

Match each of the following vocabulary words with its definition.

a. base	**i.** least common multiple (LCM)
b. greatest common factor (GCF)	**j.** standard form
c. multiple	**k.** prime number
d. order of operations	**l.** variable
e. prime factorization	**m.** numerical expression
f. scientific notation	**n.** term
g. power	**o.** composite number
h. exponent	

_____   1.   a whole number greater than 1 that has exactly two factors, itself and 1

_____   2.   the least number, other than zero, that is a multiple of two or more given numbers

_____   3.   A rule for evaluating expressions: first perform the items in parentheses, then compute powers and roots, then perform all multiplication and division from left to right, and then perform all addition and subtraction from left to right.

_____   4.   a number written as the product of its prime factors

_____   5.   a number greater than 1 that has more than two whole-number factors

_____   6.   an expression that contains only numbers and operations

_____   7.   when a number is raised to a power, the number that is used as a factor

_____   8.   a method of writing very large or very small numbers by using powers of 10

_____   9.   the product of any number and a whole number

_____   10.   the greatest number that is a factor for two or more given numbers

Multiple Choice (5-points each)
Identify the letter of the choice that best completes the statement or answers the question.

_____   11.   The seventh-graders are preparing snack bags for the First-Graders' Picnic. They have 80 cookies and 100 carrot sticks. What is the greatest number of snack bags they can prepare using all of the cookies and carrot sticks?
  a.   They can prepare 10 snack bags.   **c.**   They can prepare 80 snack bags.
  b.   They can prepare 20 snack bags.   **d.**   They can prepare 100 snack bags.