# GCF and LCM Review Worksheet

*Name:* _____

1.) True or false:  Factors and multiples of a number are the exact same thing.     **T     F**

**List all the factors of the pair of numbers.  Then find the greatest common factor (GCF) of the pair of numbers.**

2.)  25, 30

**Factors of 25:** _____

**Factors of 30:** _____

**GCF:**_____

3.)  32, 40

**Factors of 32:** _____

**Factors of 40:** _____

**GCF:** _____

4.)  14, 28

**Factors of 14:** _____

**Factors of 28:** _____

**GCF:**_____

5.)  65, 39

**Factors of 65:** _____

**Factors of 39:** _____

**GCF:** _____

**List _ten_ multiples of the pair of numbers.  Then find the least common multiple (LCM) of the pair of numbers.**

6.)  5, 7

**Multples of 5:** _____

**Multiple of 7:** _____

**LCM:**_____

7.)  7, 12

**Multiples of 7:** _____

**Multiples of 12:** _____

**LCM:** _____

8.)  9, 15

**Multples of 9:** _____

**Multiple of 15:** _____

**LCM:**_____

9.) 16, 26

**Multiples of 16:** _____

**Multiples of 26:** _____

**LCM:** _____

**Now find the greatest common factor (GCF) of the same pairs of numbers by using prime factorizations.**

10.)  25, 30

**Prime Factorization:**          **Prime Factorization:**

**25**                                      **30**

GCF:_____

12.) 14, 28

**Prime Factorization:**          **Prime Factorization:**

**14**                                      **28**

GCF:_____

11.)  32, 40

**Prime Factorization:**          **Prime Factorization:**

**32**                                      **40**

GCF:_____

13.)  65, 39

**Prime Factorization:**          **Prime Factorization:**

**65**                                      **39**

GCF:_____

**Now find the least common multiple (LCM) of the same pairs of numbers by using prime factorizations.**

14.)  5, 7

**Prime Factorization:**          **Prime Factorization:**

**5**                                        **7**

LCM:_____

16.) 9, 15

**Prime Factorization:**          **Prime Factorization:**

**9**                                        **15**

LCM:_____

15.)  7, 12

**Prime Factorization:**          **Prime Factorization:**

**7**                                        **12**

LCM:_____

17.)  16, 26

**Prime Factorization:**          **Prime Factorization:**

**16**                                      **26**

LCM:_____