Factors and Multiples

Name: _____ Date: _____ Grade: Grade 4

Part A: Fill in the Blank

Write the missing word or number on each line.

1. The digit sum of 84 is 8 + 4 = _____ . Since that is divisible by 3, so is 84.
2. The factors of 42 are 1, 2, 3, 6, 7, 14, 21, and _____ .
3. A number is divisible by 10 if it ends in _____ .
4. The GCF of 28 and 42 is _____ .
5. The factor pairs of 48 are (1,48), (2,24), (3,16), (4,12), and (6, _____).
6. The smallest factor of any number greater than 0 is always _____ .
7. The LCM of 12 and 15 is _____ .
8. 90 is divisible by 2, 3, 5, 9, and _____ .
9. The number 56 has _____ factors in all.

Part B: Matching

Match each item on the left to the correct answer on the right.

1. Match each number pair to its GCF.

GCF of 18 and 27	→ _____	10
GCF of 20 and 50	→ _____	7
GCF of 14 and 35	→ _____	8
GCF of 24 and 32	→ _____	9

Part A: Fill in the Blank

Write the missing word or number on each line.

1. The digit sum of 84 is 8 + 4 = **12** . Since that is divisible by 3, so is 84.
2. The factors of 42 are 1, 2, 3, 6, 7, 14, 21, and **42** .
3. A number is divisible by 10 if it ends in **0** .
4. The GCF of 28 and 42 is **14** .
5. The factor pairs of 48 are (1,48), (2,24), (3,16), (4,12), and (6, **8**).
6. The smallest factor of any number greater than 0 is always **1** .
7. The LCM of 12 and 15 is **60** .
8. 90 is divisible by 2, 3, 5, 9, and **10** .
9. The number 56 has **8** factors in all.

Part B: Matching

Match each item on the left to the correct answer on the right.

1. Match each number pair to its GCF.

GCF of 18 and 27	→ **9**	10
GCF of 20 and 50	→ **10**	7
GCF of 14 and 35	→ **7**	8
GCF of 24 and 32	→ **8**	9