



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

Answer Key • Factors and Multiples • 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 $8 + 4 = \underline{12}$. 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	→ <u>9</u>	10
GCF of 20 and 50	→ <u>10</u>	7
GCF of 14 and 35	→ <u>7</u>	8
GCF of 24 and 32	→ <u>8</u>	9