**Factors, Prime, and Composite Quick Quiz Part 2**

**Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Number: \_\_\_\_**

1. How many factors do 24 and 36 have in common? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. What is the GCF of 8 and 12? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. What is the LCM of 8 and 12? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. List the factor pairs of 54. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. List the first 6 multiples of 7. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
6. What is the GCF of 10 and 20?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
7. What is the GCF of 15 and 40?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
8. Which number is **not** prime? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

(a)43 (b)67 (c)54 (d)23

10. Which number is composite?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

 (a)34 (b)11 (c)79 (d)17

11. What is the prime factorization for 35? Use a factor tree. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

12. What is the prime factorization for 84? Use a factor tree. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

13. How many factors does a prime number have?\_\_\_\_\_

14. How many rectangular arrays can you make for 11? Is it prime or composite?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_