

# Additional Practice 4.3

NAME \_\_\_\_\_

Module 4 Fractions, Decimals, Percents, and Factors  
Lesson 3 Factors and Prime Factorization

Find the factors of each number.

1. 20  
1, 2, 4, 5, 10, 20
2. 42  
1, 2, 3, 6, 7, 14, 21, 42

Determine whether each number is prime or composite.

3. 15  
composite
4. 3  
prime
5. 11  
prime
6. 39  
composite

Find the prime factorization of each number.

7. 40  
 $2^3 \times 5$
8. 36  
 $2^2 \times 3^2$
9. 15  
 $3 \times 5$
10. 24  
 $2^3 \times 3$

Find the common factors of each set of numbers.

11. 20 and 16  
1, 2, 4
12. 36 and 72  
1, 2, 3, 4, 6, 9,  
12, 18, 36
13. 130 and 55  
1, 5
14. 42 and 56  
1, 2, 7, 14

Find the Greatest Common Factor (GCF) of each set of numbers.

15. 60 and 24  
12
16. 15 and 45  
15
17. 8 and 15  
1
18. 9, 27 and 30  
3

Use prime factorization to find the Greatest Common Factor (GCF) of each set of numbers.

19. 120 and 80  
40
20. 20, 32, 44  
4

