

**Lesson 4.4** Reviewing Factors and Multiples

## Greatest Common Factor

Find the greatest common factor by looking for which factors two numbers share and then figure out which is the greatest.

8 – 1, 2, 4, 8  
16 – 1, 2, 4, 8, 16 } The greatest common factor is 8

## Least Common Multiple

Find the least common multiple by listing multiples of each number until finding the first one that is shared.

3 – 3, 6, 9, 12  
4 – 4, 8, 12 } The least common multiple is 12

Find the greatest common factor of these numbers.

**a**

1. 14 and 42 \_\_\_\_\_

2. 36 and 24 \_\_\_\_\_

3. 72 and 54 \_\_\_\_\_

4. 86 and 94 \_\_\_\_\_

**b**

27 and 18 \_\_\_\_\_

45 and 20 \_\_\_\_\_

42 and 49 \_\_\_\_\_

66 and 11 \_\_\_\_\_

Find the least common multiple of these numbers.

5. 2 and 7 \_\_\_\_\_

6. 4 and 5 \_\_\_\_\_

7. 4 and 12 \_\_\_\_\_

8. 2 and 5 \_\_\_\_\_

4 and 10 \_\_\_\_\_

6 and 10 \_\_\_\_\_

6 and 18 \_\_\_\_\_

5 and 11 \_\_\_\_\_