Name _____ Date_____

Least Common Multiple and Greatest Common Factor

1. Find the LCM and GCF of 12 and 15.

2. Write two numbers, neither of which is 8, whose GCF is 8.

3. Write two numbers, neither of which is 28, whose LCM is 28.

Rate each of the stations you visited today. Use this scale:

3—Easy—I've got it; I don't need any help.

2 —Medium—I need more practice, but I understand some of it.

1—Hard—I'm not getting this yet.

Complete the following chart:

Station	Rating (3, 2, 1)	Comment to the Teacher
Station 1: Factors and GCF		
Station 2: Multiples and LCM		
Station 3: Using Prime Factors for GCF		
Station 4: Applying Factors to the Distributive Property		

Complete the remaining stations from class.

1. **Find the LCM and GCF of 12 and 15.**

   LCM: 60; GCF: 3

2. **Write two numbers, neither of which is 8, whose GCF is 8.**

   Answers will vary, i.e., 16 and 24, or 24 and 32.

3. **Write two numbers, neither of which is 28, whose LCM is 28.**

   Answers will vary, i.e., 4 and 14, or 4 and 7.

Rate each of the stations you visited today. Use this scale:

3—Easy—I've got it, I don't need any help.

2—Medium—I need more practice, but I understand some of it.

1—Hard—I'm not getting this yet.

Complete the following chart:

Station	Rating $(3, 2, 1)$	Comment to the Teacher
Station 1 Factors and GCF		
Station 2 Multiples and LCM		
Station 3 Using Prime Factors for GCF		
Station 4 Applying Factors to the Distributive Property		

Students should complete the remaining stations from class.