

Name: _____ Period: _____ Date: _____

Least Common Multiple and Greatest Common Factor Assignment

Math 6

Part 1: Find the LCM of each set of numbers using listing method.

1. 9 and 15

2. 11, 22 and 33

3. 16 and 24

Name: _____ Period: _____ Date: _____

Least Common Multiple and Greatest Common Factor Assignment

Math 6

Part 2: Find the LCM of each set of numbers using prime factorization.

1. 15 and 35

2. 10, 4 and 12

3. 9, 27 and 45

Name: _____ Period: _____ Date: _____

Least Common Multiple and Greatest Common Factor Assignment

Math 6

Part 3: Find the *GCF* of each set of numbers using listing method.

1. 25 and 75

2. 48 and 56

3. 12, 16 and 32

Name: _____ Period: _____ Date: _____

Least Common Multiple and Greatest Common Factor Assignment

Math 6

Part 4: Find the *GCF* of each set of numbers using prime factorization.

1. 100 and 125

2. 14 and 49

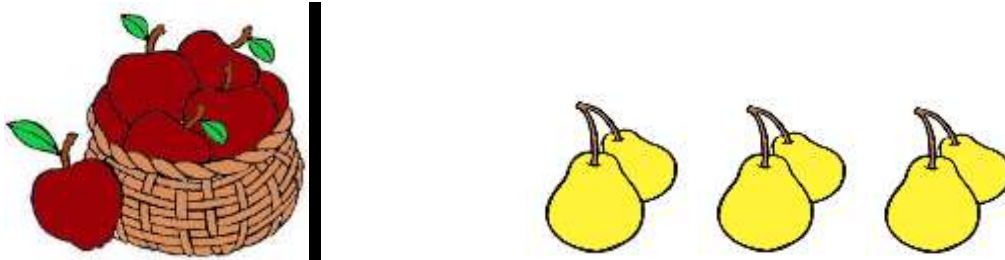
3. 18, 24 and 90

Least Common Multiple and Greatest Common Factor Assignment

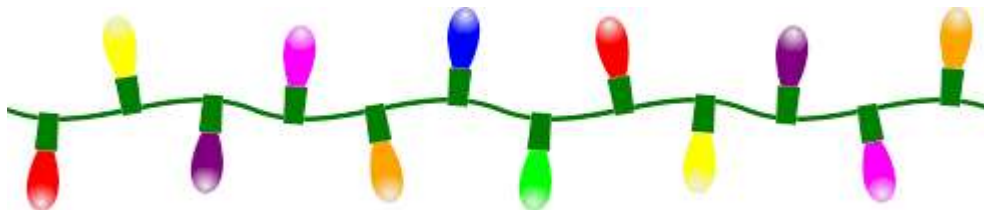
Math 6

Part 5: Read and solve the following problems.

1. Diana found the same number of apples and pears in the fridge this morning. If Tom eats apples in handfuls of 3, and pears in handfuls of 7 what is the smallest number of each fruit that Tom had to have eaten?



2. Two lights are turned on at the same time. One blinks every 2 seconds and the other blinks every 6 seconds. In 60 seconds, how many times will they blink at the same time?



Name: _____ Period: _____ Date: _____

Least Common Multiple and Greatest Common Factor Assignment

Math 6

3. The teacher plans to arrange the students (12 girls and 16 boys) in equal rows. Only girls or boys will be in each row. What is the greatest number of students that could be in each row?

