

Assignment

Date _____ Period _____

Find the GCF of each.

1) 40, 100

2) 85, 34

3) 40, 60

4) 84, 91

5) 78, 65

6) 72, 96

7) 33, 84

8) 71, 92

9) 51, 34

10) 70, 40

Find the LCM of each.

11) 27, 36

12) 21, 24

13) 40, 16

14) 25, 30

15) 30, 40

16) 21, 6

17) 38, 6

18) 30, 33

19) 16, 20

20) 12, 18

Greatest Common Factor/Least Common Multiple Word Problems

1. Sara has 16 red flowers and 24 yellow flowers. She wants to make bouquets with the same number of each color flower in each bouquet. What is the greatest number of bouquets she can make?
2. Two neon signs are turned on at the same time. Both signs blink as they are turned on. One sign blinks every 9 seconds. The other sign blinks every 15 seconds. In how many seconds will they blink together again?
3. Lisa is making activity baskets to donate to charity. She has 12 coloring books, 28 markers, and 36 crayons. What is the greatest number of baskets she can make if each type of toy is equally distributed among the baskets? How many of each supply will go into the baskets?
4. The school cafeteria serves tacos every sixth day and cheeseburgers every eight day. If tacos and cheeseburgers are both on today's menu, how many days will it be before they are both on the menu again?