Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Lesson #6: Least Common Multiple Homework

Find the LCM (Least Common Multiple) for each group of numbers. **You must show work to get credit**.

1) 8, 10 2) 3, 6, 11

3) 3, 6, 9 4) 4, 12

5) Freddy has 12 red beads, 10 white beads, and 5 blue beads. He wants to make bracelets that have red, white, and blue in them. How many bracelets can Freddy make that will all be matching?

6) One model train can complete its track in 2 minutes. The other model train takes 5 minutes. If the two trains start at the same time, when will they both be at the starting point of their tracks at the same time?

Review: **SHOW ALL WORK**

7) Is the GCF of 12 and 16 greater than or less than the LCM of 2 and 6?

8) 678.43 – 23.723