

Name _____

Math Homework #2, Due 9/15/08

Factor:

$$\begin{array}{c} 58 \\ \wedge \end{array}$$

$$\begin{array}{c} 63 \\ \wedge \end{array}$$

Divide

$$12 \overline{)1244}$$

$$9 \overline{)826}$$

Find the Least Common Multiple (LCM)

EXAMPLE: Find the Least common Multiple (LCM) of 9 and 12

9, 12

$$\begin{array}{l} \boxed{3 \overline{) 9, 12}} \\ \times \quad 3 \times 4 \end{array} \rightarrow 3 \times 3 \times 4$$

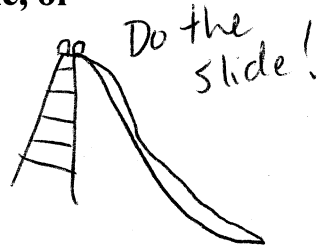
3 X 3 X 4 = 36, Therefore 36 is the Least Common Multiple, or SMALLEST number that both 9 and 12 will go into.

Homework time:

Find the LCM of:

8, 9

5, 12



Example**Find the greatest common factor (GCF)-----Do the slide!!****6,9**

$$\begin{array}{r} \textcircled{3} \overline{) 6, 9} \\ \underline{2 \ 3} \\ 0 \end{array}$$

3 is the GCF because it is the biggest number that goes into both 6 and 9!

Now for the homework:

Find the Greatest common Factor (GCF)

12, 18

8, 10