Week 5 Sept 17-21   Name_____Hour_____

Monday, September 17
Warm-up: List the first ten nonzero multiples of 15 and 20. Circle the common multiples

_____ _____ _____ _____ _____ _____ _____ _____ _____ _____

_____ _____ _____ _____ _____ _____ _____ _____ _____ _____

List the factors for both   15   &   20

In Class: 3.2 Prime factorization LCM & GCF, foldable, standard, expanded, exponential form
Homework: Complete the missing information in the table

Standard	Expanded	Exponential
	2X 2 X 3 X 5 X 5 X 5	
100		
		2^3 X 5

Tuesday, September 18
Warm-up: Prime factorize the following numbers
      24   12   120   90

In Class: Page 34/16-23 and 1-8 GCF and LCM for all questions
Homework: Find the LCM & GCF using listing **or** Prime factorization
                    `   **12** and **27**

Wednesday, September 19

Warm-up: Find the solution to 2x2x2=_____

Find the solution to 2x2x3x5=_____

Find the solution to 3×5^2 =_____

In Class: LCM & GCF word problems handout, page 34 #14, 15, 27a, 31, 59

Homework: Identify the <u>L</u>east <u>C</u>ommon <u>M</u>ultiple (LCM) and Greatest Common Factor (GCF) for **12 and 30**   *You may use the listing **or** the prime factorization method*

                12   **30**

Thursday, September 20

Warm-up: 1) Solve 2^3 =

2) Circle the number(s) that are square numbers. Show the factor pair that makes the number square.

                        84   44   169

In Class: IXL Prime Factorization - **E5** & E6;   Exponents **D1, D2,** D3;   LCM/GCF - **E7** & **E8** & E9

Homework: What is this number? $2^4 \times 5^3 \times 3^3$

Friday, September 21

Warm-up: Grab a chromebook. Sign in to IXL.com

In Class: IXL Prime Factorization - **E5** & E6;   Exponents **D1, D2,** D3;   LCM/GCF - **E7** & **E8** & E9

Homework: B.A.K. - Be A Kid! Enjoy your weekend with family and friends:)

EXTENSIONS
Investigation 2:
Page 36 # 34
Page 39 # 55-58
Page 41 # 61