Sept 23-27   Name_____Hour_____

Monday, September 23

Warm-up: <u>NO Calculator!</u> Solve for the following

$10 \times 10 \times 10 \times 10 =$ _____ $10 \times 10 \times 10 \times 10 \times 10 \times 7 =$ _____

$2^3 \times 5^1 =$ _____ $2^4 \times 10^2 =$ _____

In Class: 3.2 Prime factorization pgs. 46-47, (Vocabulary: Prime Factorization, standard, expanded, exponential forms, IXL E5 & E6, prerequisits IXL D1, D2, D3)

Homework: Complete the missing information in the table

Standard	Expanded	Exponential
	2 X 2 X 3 X 5 X 5 X 5	
100		
		$2^3 \times 5$

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Tuesday, September 24

Warm-up: <u>**NO CALCULATOR! Solve without computing the actual product.**</u>
Which expressions below are equal to each other?

$2 \times 5^2 \times 6 \times 11 \times 11 \times 12$ $3 \times 11 \times 25 \times 44$

$5 \times 12^2 \times 55$ $5 \times 10 \times 22 \times 33$

In Class: 3.2 Prime factorization pgs. 46-47 (IXL E5, E6, E12)
 Homework: The following numbers are written in exponential form. Write them in expanded and standard form.

$2^4 \times 5^3 \times 3^3$ Expanded_____ Standard_____

$2^1 \times 2^3 \times 5^3 \times 3^3$ Expanded_____ Standard_____

$2^2 \times 2^2 \times 5 \times 5^2 \times 3^2 \times 3$ Expanded_____ Standard_____

Wednesday, September 25 - Early Release Day - Bring or order a sack lunch to eat from 11:20-11:40

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

Find the solution to 2x2x3x5=_____

Find the solution to $3x5^2$ =_____

In Class: Quiz reflection, then IXL Prime Factorization - **E5, E6 & E12;**   Exponents **D2, D3, D4**

Homework: The prime factorization of a number is 2^3 X 3^3 X5^2.   What is the number?

Is 3^2 X 5 a factor of the number ? _____ Explain

Is 2^3 X 3^2 X 5 is a multiple of the number? _____Explain

Thursday, September 26

Warm-up: Compare your answers to your homework with a neighbor. Then answer the following question.

Give a multiple of 2^3 X 3^3 X5^2 in exponential form. _____

In Class: Lesson 3.3 prime factorizations to find LCM & GCF, Prime Factorization Video (8 & 30), Prime Factorization Video (16 & 24)

Homework: Find the LCM and the GCF for the numbers 120 and 90.

Friday, September 27

Warm-up: Compare your homework with your neighbor. Then, log into IXL.com. Start or finish Prime Factorization E5,E6 and E12.

In Class: IXL Prime Factorization - E5, E6, & E12;   Exponents D1, D2, D3;

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