

April 7, 2015
 Due Friday

- ① Copy of "Current" Student Score Calculator
- ② Copy of a "What If" SL
- ③ My "Dig Deep" Commitment Statement (Typed)

answer the following:

- a.) Statement of your final goal for the class-outcome
- b.) Outline of your action plan - the steps that will get you to your goal
- c.) State your "Dig Deep" Commitment to yourself!

Apr 7-9:09 AM

Factoring
 "undoing" multiplication

18 7 28

Greatest Common Factor

$18 = 2 \cdot 3^2$ $28 = 2^2 \cdot 7$
 $\begin{matrix} 18 \\ \swarrow \searrow \\ 2 \cdot 9 \\ \swarrow \searrow \\ 2 \cdot 3 \cdot 3 \end{matrix}$ $\begin{matrix} 28 \\ \swarrow \searrow \\ 2 \cdot 14 \\ \swarrow \searrow \\ 2 \cdot 2 \cdot 7 \end{matrix}$

Apr 7-9:30 AM

6.1
 #1)

$18 = 2 \cdot 3^2$ $36 = 2^2 \cdot 3^2$ $96 = 2^5 \cdot 3$
 $\begin{matrix} 18 \\ \swarrow \searrow \\ 2 \cdot 9 \\ \swarrow \searrow \\ 2 \cdot 3 \cdot 3 \end{matrix}$ $\begin{matrix} 36 \\ \swarrow \searrow \\ 2 \cdot 18 \\ \swarrow \searrow \\ 2 \cdot 9 \\ \swarrow \searrow \\ 2 \cdot 3 \cdot 3 \end{matrix}$ $\begin{matrix} 96 \\ \swarrow \searrow \\ 2 \cdot 48 \\ \swarrow \searrow \\ 2 \cdot 24 \\ \swarrow \searrow \\ 2 \cdot 12 \\ \swarrow \searrow \\ 2 \cdot 6 \\ \swarrow \searrow \\ 2 \cdot 3 \end{matrix}$

$2^1 \cdot 3^1 = 6$
 Product

Apr 7-9:37 AM

Finding a GCF

Step 1: write numbers as a product of primes

Step 2: Identify Common Primes

Step 3: Find the product of the common primes from step 2.

Apr 7-9:43 AM

$\begin{matrix} 6 \\ \swarrow \searrow \\ 1 \cdot 2 \cdot 3 \end{matrix}$ $\begin{matrix} 14 \\ \swarrow \searrow \\ 1 \cdot 2 \cdot 7 \end{matrix}$ $\begin{matrix} 19 \\ \swarrow \searrow \\ 1 \cdot 19 \end{matrix}$

GCF = 1
 Relatively Prime

Apr 7-9:46 AM

For practice finding GCF

28, 40
 55, 21
 15, 18, 66
 106, 40, 92

Apr 7-9:48 AM