

Algebra 1 Bellwork Thursday, September 17, 2015

1. Find the GCF of these two numbers: 60 and 96

2. Find the LCM of these two numbers: 24 and 15

Solve each equation.

3. $\frac{2}{3}Q = 20$

4. $5c + 3 = -21$

5. $2 - 3w = 42$

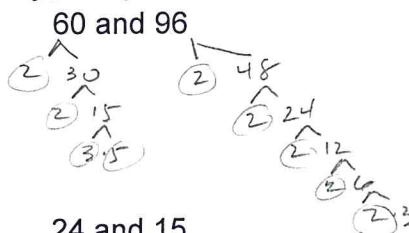
Answers

Algebra 1 Bellwork Thursday, September 17, 2015

1. Find the GCF of these two numbers:

$60 = 2 \cdot 2 \cdot 3 \cdot 5$

$96 = 2 \cdot 2 \cdot 2 \cdot 2 \cdot 2 \cdot 3$

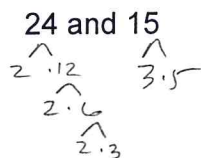


GCF = $2 \cdot 2 \cdot 3$
 = **12**

2. Find the LCM of these two numbers:

$24 = 2 \cdot 2 \cdot 2 \cdot 3$

$15 = 3 \cdot 5$



LCM = $2 \cdot 2 \cdot 2 \cdot 3 \cdot 5$
 = **120**

Solve each equation.

3. $\frac{3}{2} \cdot \frac{2}{3}Q = 20 \cdot \frac{3}{2}$

$Q = 30$

4. $5c + 3 = -21$
 $\begin{array}{r} -3 \\ 5c = -24 \\ \hline c = -\frac{24}{5} \end{array}$

$c = -\frac{24}{5} = -4.8$

5. $2 - 3w = 42$
 $\begin{array}{r} -2 \\ -3w = 40 \\ \hline -3 \quad -3 \end{array}$

$w = -\frac{40}{3}$