

# Homework

Name \_\_\_\_\_ Hour: \_\_\_\_\_ Due: **10/13/17**

Review	<b>FIND THE GCF OF 15 AND 35</b>	Answer:
Review	<b>FIND THE LCM OF 10 AND 12</b>	Answer:
Review	Find the prime Factorization of 120. Write the answer in exponent form if possible.	Answer:

\*Must show work to receive credit!

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<p>Current</p>	<p>Sapphire and Abe are shelving books at a public library. Sapphire shelves 5 books at a time, whereas Abe shelves 6 at a time. If they end up shelving the same number of books, what is the smallest number of books each could have shelved</p>	<p>Answer with work:</p>
<p>Current</p>	<p>Veronica is making emergency-preparedness kits to share with friends. She has 20 bottles of water and 12 cans of food, which she would like to distribute equally among the kits, with nothing left over. What is the greatest number of kits Veronica can make?</p>	<p>Answer with work:</p>
<p>Current</p>	<p>Boxes that are 12 inches tall are being stacked next to boxes that are 18 inches tall. What is the shortest height at which the two stacks will be the same height?</p>	<p>Answer with work:</p>

\*Must show work to receive credit!