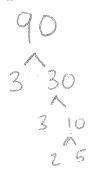
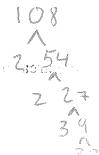
Prime Time Review

1. Find the prime factorization of 90. Write the prime factorization in expanded and exponential form.



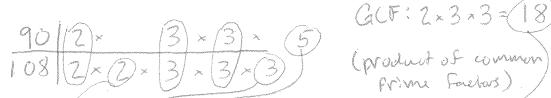
$$2 \times 3^2 \times 5$$
 3 exponential

2. Find the prime factorization of 108. Write the prime factorization in expanded and exponential form.



$$2^{2} \times 3^{3}$$
 Exponentially.

3. What is the greatest common factor of 90 and 108? Show work.

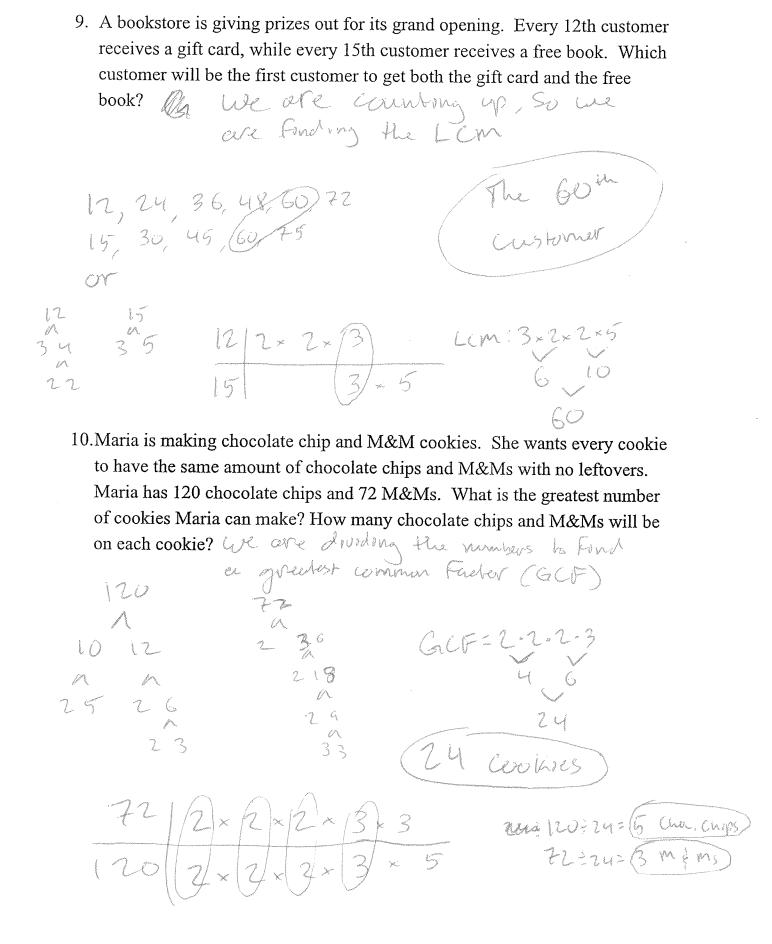


4. What is the least common multiple of 90 and 108? Show work.

5. What is another common multiple of 90 and 108?

Love For powers of ton!

| 6. Remember | What numbe | hat number has the prime factorization $2^3 \times 5^3 \times 11$? | | | |
|---------------------------------|---|---|--|---|--|
| | 1,6 | | | 200 × 11 | |
| 2×5=10 | | | | | |
| $2^{3} \times 5^{3} = 100$ | | | | 11,000 | |
| 74 454= 10,000 | | | | | |
| F F S = S = 100 m. | Find the valu | ue of the expressio | on $10 - (8 \div 2)$ | $)+5^{2}$. Show all steps. | |
| order of of | | - | | | |
| Parenthises () | | | 10-4+5 ² | | |
| Exponents 52=25 | | | 10-4 - 25 | | |
| Multopozed | -mn7. | · · · · · · · · · · · · · · · · · · · | . / | | |
| Multoplication } Lest to right! | | | 6. + | 25 | |
| Addition Black to right! | | | 51 | | |
| 8. | Write two ex | coressions which a | could be used | I to determine the area of the | |
| | following fig | · · | | 2 Property | |
| | | | | Find the area of | |
| | enter en | | The state of the s | Rada Sectionals and | |
| 12 | 12×8 | | | Find the area of each rectangle and then add them | |
| | | 12n | | 4 000 C C C C C C C C C C C C C C C C C | |
| | | | | 1. U. Stales know their | |
| | | engle of | | and the sides kylher and then mudiply to | |
| | | | | and then mustifully to | |
| | . 8 | n | / | fond the total area. | |
| | | | annual and the state of the sta | | |
| | 8 + h | | | | |
| | | | | | |
| | $= \sup_{x\in X_{k+1}} \left\{ x_{k+1} ^{2} + \sup_{x\in X_{k+1}} \left(x_{k+1} ^{2} + x_{k+1} ^{2} + x_{k+1} ^{2} + x_{k+1} ^{2} \right) \right\}$ | | grand and a second and a second as a secon | | |
| 117 × | Q + i | 2 n n | - (1) | (8 +n) | |



11. How can you tell if the sum of two numbers will be even or odd?

12. How can you tell if the product of two numbers will be even or odd?