

Name: _____

EXTENDED PRACTICE: GCF & LCM



Part I: Find the Greatest Common Factor (GCF) of each pair of numbers.

- | | |
|------------|------------|
| 1. 28, 70 | 2. 36, 54 |
| 3. 72, 30 | 4. 88, 99 |
| 5. 48, 72 | 6. 42, 84 |
| 7. 99, 77 | 8. 96, 32 |
| 9. 75, 30 | 10. 88, 55 |
| 11. 60, 80 | 12. 44, 32 |

Part II: Find the Least Common Multiple (LCM) of each pair of numbers.

- | | |
|------------|-------------|
| 13. 40, 88 | 14. 90, 80 |
| 15. 52, 96 | 16. 88, 66 |
| 17. 24, 42 | 18. 100, 60 |
| 19. 95, 38 | 20. 99, 45 |
| 21. 30, 42 | 22. 72, 48 |
| 23. 75, 45 | 24. 52, 65 |

ANSWER KEY

Part I: Find the Greatest Common Factor (GCF) of each pair of numbers.

- | | |
|----------------------|----------------------|
| 1. 28, 70 <u>14</u> | 2. 36, 54 <u>18</u> |
| 3. 72, 30 <u>6</u> | 4. 88, 99 <u>11</u> |
| 5. 48, 72 <u>24</u> | 6. 42, 84 <u>42</u> |
| 7. 99, 77 <u>11</u> | 8. 96, 32 <u>32</u> |
| 9. 75, 30 <u>15</u> | 10. 88, 55 <u>11</u> |
| 11. 60, 80 <u>20</u> | 12. 44, 32 <u>4</u> |

Part II: Find the Least Common Multiple (LCM) of each pair of numbers.

- | | |
|-------------------------|------------------------|
| 13. 40, 88 <u>440</u> | 14. 90, 80 <u>720</u> |
| 15. 52, 96 <u>1,248</u> | 16. 88, 66 <u>264</u> |
| 17. 24, 42 <u>168</u> | 18. 100, 60 <u>300</u> |
| 19. 95, 38 <u>190</u> | 20. 99, 45 <u>495</u> |
| 21. 30, 42 <u>201</u> | 22. 72, 48 <u>144</u> |
| 23. 75, 45 <u>225</u> | 24. 52, 65 <u>260</u> |