

Name: _____

Date: _____

GCF and LCM together

Find the greatest common factor and the least common multiple.

1. $\text{GCF}(20, 10) = \underline{\hspace{1cm}}$ $\text{LCM}(20, 10) = \underline{\hspace{1cm}}$ 11. $\text{GCF}(6, 18) = \underline{\hspace{1cm}}$ $\text{LCM}(6, 18) = \underline{\hspace{1cm}}$

2. $\text{GCF}(21, 12) = \underline{\hspace{1cm}}$ $\text{LCM}(21, 12) = \underline{\hspace{1cm}}$ 12. $\text{GCF}(15, 11) = \underline{\hspace{1cm}}$ $\text{LCM}(15, 11) = \underline{\hspace{1cm}}$

3. $\text{GCF}(8, 19) = \underline{\hspace{1cm}}$ $\text{LCM}(8, 19) = \underline{\hspace{1cm}}$ 13. $\text{GCF}(19, 13) = \underline{\hspace{1cm}}$ $\text{LCM}(19, 13) = \underline{\hspace{1cm}}$

4. $\text{GCF}(5, 14) = \underline{\hspace{1cm}}$ $\text{LCM}(5, 14) = \underline{\hspace{1cm}}$ 14. $\text{GCF}(20, 4) = \underline{\hspace{1cm}}$ $\text{LCM}(20, 4) = \underline{\hspace{1cm}}$

5. $\text{GCF}(19, 23) = \underline{\hspace{1cm}}$ $\text{LCM}(19, 23) = \underline{\hspace{1cm}}$ 15. $\text{GCF}(6, 13) = \underline{\hspace{1cm}}$ $\text{LCM}(6, 13) = \underline{\hspace{1cm}}$

6. $\text{GCF}(20, 18) = \underline{\hspace{1cm}}$ $\text{LCM}(20, 18) = \underline{\hspace{1cm}}$ 16. $\text{GCF}(17, 8) = \underline{\hspace{1cm}}$ $\text{LCM}(17, 8) = \underline{\hspace{1cm}}$

7. $\text{GCF}(15, 21) = \underline{\hspace{1cm}}$ $\text{LCM}(15, 21) = \underline{\hspace{1cm}}$ 17. $\text{GCF}(9, 7) = \underline{\hspace{1cm}}$ $\text{LCM}(9, 7) = \underline{\hspace{1cm}}$

8. $\text{GCF}(10, 7) = \underline{\hspace{1cm}}$ $\text{LCM}(10, 7) = \underline{\hspace{1cm}}$ 18. $\text{GCF}(9, 11) = \underline{\hspace{1cm}}$ $\text{LCM}(9, 11) = \underline{\hspace{1cm}}$

9. $\text{GCF}(22, 4) = \underline{\hspace{1cm}}$ $\text{LCM}(22, 4) = \underline{\hspace{1cm}}$ 19. $\text{GCF}(15, 9) = \underline{\hspace{1cm}}$ $\text{LCM}(15, 9) = \underline{\hspace{1cm}}$

10. $\text{GCF}(6, 21) = \underline{\hspace{1cm}}$ $\text{LCM}(6, 21) = \underline{\hspace{1cm}}$ 20. $\text{GCF}(16, 4) = \underline{\hspace{1cm}}$ $\text{LCM}(16, 4) = \underline{\hspace{1cm}}$

GCF and LCM: Answer Key

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|-------------------|-------------------|--------------------|--------------------|
| 1. GCF 10, LCM 20 | 6. GCF 2, LCM 180 | 11. GCF 6, LCM 18 | 16. GCF 1, LCM 136 |
| 2. GCF 3, LCM 84 | 7. GCF 3, LCM 105 | 12. GCF 1, LCM 165 | 17. GCF 1, LCM 63 |
| 3. GCF 1, LCM 152 | 8. GCF 1, LCM 70 | 13. GCF 1, LCM 247 | 18. GCF 1, LCM 99 |
| 4. GCF 1, LCM 70 | 9. GCF 2, LCM 44 | 14. GCF 4, LCM 20 | 19. GCF 3, LCM 45 |
| 5. GCF 1, LCM 437 | 10. GCF 3, LCM 42 | 15. GCF 1, LCM 78 | 20. GCF 4, LCM 16 |