

ARTICLE 88.

What Prime Factors are Common to

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|-------------------|-------------------------------|
| 1. 75 and 105? | 12. 54, 72, and 90? |
| 2. 96 and 120? | 13. 84, 126, and 210? |
| 3. 126 and 168? | 14. 112, 140, and 196? |
| 4. 216 and 297? | 15. 132, 176, and 198? |
| 5. 315 and 525? | 16. 140, 350, and 490? |
| 6. 308 and 462? | 17. 132, 330, 462, and 594? |
| 7. 345 and 483? | 18. 273, 351, 429, and 507? |
| 8. 399 and 532? | 19. 322, 483, 805, and 1127? |
| 9. 468 and 585? | 20. 204, 340, 476, and 612? |
| 10. 495 and 825? | 21. 342, 570, 798, and 1026? |
| 11. 819 and 1365? | 22. 546, 819, 1365, and 1911? |

ANSWERS.

ARTICLE 88.

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| 1. 3, 5. | 9. 3, 3, 13. | 16. 2, 5, 7. |
| 2. 2, 2, 2, 3. | 10. 3, 5, 11. | 17. 2, 3, 11. |
| 3. 2, 3, 7. | 11. 3, 7, 13. | 18. 3, 13. |
| 4. 3, 3, 3. | 12. 2, 3, 3. | 19. 7, 23. |
| 5. 3, 5, 7. | 13. 2, 3, 7. | 20. 2, 2, 17. |
| 6. 2, 7, 11. | 14. 2, 2, 7. | 21. 2, 3, 19. |
| 7. 3, 23. | 15. 2, 11. | 22. 3, 7, 13. |
| 8. 7, 19. | | |