

**Practice*****Divisibility Patterns***

*Determine whether the first number is divisible by the second number.*

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|---------------|---------------|--------------|---------------|
| 1. 527; 3     | 2. 1,048; 6   | 3. 693; 9    | 4. 1,974; 2   |
| 5. 305; 10    | 6. 860; 5     | 7. 4,672; 9  | 8. 2,310; 6   |
| 9. 816; 3     | 10. 13,509; 5 | 11. 2,847; 2 | 12. 192; 6    |
| 13. 36 ; 6    | 14. 450 ; 10  | 15. 192 ; 4  | 16. 87 ; 5    |
| 17. 264 ; 2   | 18. 1,251 ; 9 | 19. 890 ; 5  | 20. 738 ; 3   |
| 21. 2,601 ; 6 | 22. 675 ; 4   | 23. 498 ; 10 | 24. 2,019 ; 9 |

*Use mental math skills, paper and pencil, or a calculator to find a number that satisfies the given conditions.*

25. a three-digit number divisible by both 2 and 9
26. a number divisible by both 5 and 6
27. a four-digit number divisible by 2, 3, and 9
28. a three-digit number divisible by 5, 6, and 9
29. a four-digit number divisible by 9 and 10
30. a five-digit number divisible by 5 and 9