

Name: _____

Date: _____

Divisibility Rules

Grades 4 – 5 • 50 questions • Show your work

1. Is **206** divisible by **6**? _____
 2. Is **807** divisible by **2**? _____
 3. Is **422** divisible by **6**? _____
 4. Is **864** divisible by **9**? _____
 5. Is **785** divisible by **6**? _____
 6. Is **870** divisible by **10**? _____
 7. Is **637** divisible by **2**? _____
 8. Is **801** divisible by **3**? _____
 9. Is **616** divisible by **2**? _____
 10. Is **430** divisible by **9**? _____
 11. Is **142** divisible by **2**? _____
 12. Is **126** divisible by **9**? _____
 13. Is **487** divisible by **9**? _____
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14. Is 992 divisible by 6? _____

15. Is 713 divisible by 4? _____

16. Is 961 divisible by 6? _____

17. Is 538 divisible by 3? _____

18. Is 180 divisible by 6? _____

19. Is 420 divisible by 10? _____

20. Is 514 divisible by 2? _____

21. Is 471 divisible by 4? _____

22. Is 196 divisible by 2? _____

23. Is 569 divisible by 6? _____

24. Is 129 divisible by 2? _____

25. Is 112 divisible by 3? _____

26. Is 914 divisible by 9? _____

27. Is 198 divisible by 4? _____

28. Is 667 divisible by 2? _____

29. Is 685 divisible by 3? _____

- 30.** Is 238 divisible by 9? _____
- 31.** Is 530 divisible by 10? _____
- 32.** Is 931 divisible by 2? _____
- 33.** Is 410 divisible by 10? _____
- 34.** Is 134 divisible by 2? _____
- 35.** Is 977 divisible by 3? _____
- 36.** Is 875 divisible by 9? _____
- 37.** Is 135 divisible by 2? _____
- 38.** Is 348 divisible by 6? _____
- 39.** Is 554 divisible by 2? _____
- 40.** Is 216 divisible by 9? _____
- 41.** Is 291 divisible by 3? _____
- 42.** Is 228 divisible by 3? _____
- 43.** Is 875 divisible by 5? _____
- 44.** Is 464 divisible by 4? _____
- 45.** Is 915 divisible by 9? _____
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46. Is **744** divisible by **4**? _____

47. Is **822** divisible by **4**? _____

48. Is **316** divisible by **6**? _____

49. Is **807** divisible by **9**? _____

50. Is **357** divisible by **10**? _____

Answer Key – Divisibility Rules

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|----------------|----------------|----------------|
| 1. <i>no</i> | 2. <i>no</i> | 3. <i>no</i> |
| 4. <i>yes</i> | 5. <i>no</i> | 6. <i>yes</i> |
| 7. <i>no</i> | 8. <i>yes</i> | 9. <i>yes</i> |
| 10. <i>no</i> | 11. <i>yes</i> | 12. <i>yes</i> |
| 13. <i>no</i> | 14. <i>no</i> | 15. <i>no</i> |
| 16. <i>no</i> | 17. <i>no</i> | 18. <i>yes</i> |
| 19. <i>yes</i> | 20. <i>yes</i> | 21. <i>no</i> |
| 22. <i>yes</i> | 23. <i>no</i> | 24. <i>no</i> |
| 25. <i>no</i> | 26. <i>no</i> | 27. <i>no</i> |
| 28. <i>no</i> | 29. <i>no</i> | 30. <i>no</i> |
| 31. <i>yes</i> | 32. <i>no</i> | 33. <i>yes</i> |
| 34. <i>yes</i> | 35. <i>no</i> | 36. <i>no</i> |
| 37. <i>no</i> | 38. <i>yes</i> | 39. <i>yes</i> |
| 40. <i>yes</i> | 41. <i>yes</i> | 42. <i>yes</i> |
| 43. <i>yes</i> | 44. <i>yes</i> | 45. <i>no</i> |
| 46. <i>yes</i> | 47. <i>no</i> | 48. <i>no</i> |
| 49. <i>no</i> | 50. <i>no</i> | |
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