

Name: _____

Period: _____ Date: _____

Divisibility

Section I. Fill in the blank.

1. A number is divisible by two if the units digit is _____.
2. A number is divisible by 3 if the _____ of its digits is divisible by 3.
3. A number is divisible by 6 if it is divisible by both _____ and _____.
4. A number is divisible by five if it ends in _____ or _____.
5. A number is divisible by four if the last _____ digits are divisible by 4.
6. A number is divisible by 9 if the sum of its digits is divisible by _____.
7. A number is divisible by ten if the units digit is _____.
8. A number is divisible by 50 it ends in _____ or _____.
9. A number is divisible by 100 if it ends in _____.

Section II. Determine if the given number is divisible by 2, 3, 4, 5, 6, 9, 10, 50, 100 write all possibilities.

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|---|--|
| 1. 863 | 2. 2,341 |
| 3. 938,576 | 4. 64,793 |
| 5. 71,534,620 <i>to the ten thousands</i> | 6. 12,803,100 |
| 7. 8,402 | 8. 37,500,893 <i>to the ten millions</i> |
| 9. 804,346,733 | 10. 110 <i>to the hundreds</i> |

11. 304.183

12. 97.261

13. 7,481.30268 *to the ten thousandths*

14. 23.47549

15. 1.967

16. 9,826.3495 *to the tenths*

17. 140,028 *to the hundred thousands*

18. 1,450,629.33

19. 761,283.01

20. 567.5349 *to the tens*

21. 8,560,845 *to the hundreds*

22. 586.92706