

# Practice 3-1

**Is the first number divisible by the second? Use mental math.**

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|-----------------------|---------------------|---------------------|------------------------|
| 1. 475 by 5 _____     | 2. 5,296 by 3 _____ | 3. 843 by 2 _____   | 4. 76,780 by 10 _____  |
| 5. 456,790 by 5 _____ | 6. 3,460 by 2 _____ | 7. 4,197 by 3 _____ | 8. 100,005 by 10 _____ |

**Test each number for divisibility by 2, 3, 5, 9, or 10.**

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|---------------------|---------------------|---------------------|---------------------|
| 9. 126<br>_____     | 10. 257<br>_____    | 11. 430<br>_____    | 12. 535<br>_____    |
| 13. 745<br>_____    | 14. 896<br>_____    | 15. 729<br>_____    | 16. 945<br>_____    |
| 17. 4,580<br>_____  | 18. 6,331<br>_____  | 19. 7,952<br>_____  | 20. 8,000<br>_____  |
| 21. 19,450<br>_____ | 22. 21,789<br>_____ | 23. 43,785<br>_____ | 24. 28,751<br>_____ |

**Find the digit that makes each number divisible by 9.**

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|------------|------------|------------|-------------|
| 25. 54,78□ | 26. 42,□97 | 27. 83,2□4 | 28. 53□,904 |
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**Name the numbers that are divisible by the numbers given.**

29. numbers between 40 and 50, divisible by 3 and 5  
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30. numbers between 10 and 20, divisible by 2, 3, and 9  
\_\_\_\_\_
31. numbers between 380 and 410, divisible by 2, 5, and 10  
\_\_\_\_\_
32. numbers between 590 and 610, divisible by 2, 3, 5, and 10  
\_\_\_\_\_
33. There are 159 students to be grouped into relay teams. Each team is to have the same number of students. Can each team have 3, 5, or 6 students?  
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