

## Answers for Lesson 9-1, pp. 414–416 Exercises

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1. No; because none of the data values is repeated, there is no mode.
2. 31
3. 12
4. 2.58
5.  $-9, -8, -3, -2, 0, 1, 2, 6, 7, 11, 11, 15$ ;  
median: 1.5; mode: 11
6. 15;  $-9$
7. 1; 1; 0; 3
8. 86; 87; no mode; 30
9.  $8.\bar{7}$ ; 9; 9; 3
10. 2.5; 2.5; 3; 6
11. 0.375; 0; 0; 6
12.  $5.\bar{2}$ ; 7; 7 and 8; 25
13. 10; it raises the mean about 1.05.
14. 12; it lowers the mean 3.
15. \$20.50; it raises the mean \$2.10.
16. median
17. 15
18. median or mode
19. 8
20. 12
21.  $-2$
22. 29.625; 30; 25
23. Yes; the United States brings the mean down more than 2 days.
24. a. 97  
b. 87
25. 6, 7, 20
26. A
27. F
28. B
29.  $-300$
30. 77
31. 20
32.  $-15$