

Answers for Lesson 3-2, pp. 136-137 Exercises

1. about 35
2. about 44
3. about 54
4. about 100
5. about 180
6. about 4
7. about \$18
8. about \$60
9. about 2
10. about 2
11. about 30
12. about \$50
13. about 6
14. about 8
15. about \$2.00 per pound
16. No; 45.6 is not close to an estimate of 5.
17. No; \$67.50 is not close to an estimate of \$6.
18. Answers may vary. Sample: 14.90 is about 15, and 4.56 is about 5, so $14.90 \div 4.56 \approx 15 \div 5$, or 3.
19. about 380
20. about 4
21. about 3
22. about 36,000
23. about \$6
24. about 64
25. Answers may vary: Samples are given.
elem. school teacher: about \$45.50/h in Detroit, about \$32.50/h in Lincoln; secretary: about \$18/h in Detroit, about \$12.75/h in Lincoln; truck driver: about \$17.50/h in Detroit, about \$15.75/h in Lincoln.
26. Answers may vary: Samples are given.
elem. school teacher: about \$95,000 in Detroit, about \$68,000 in Lincoln; secretary: about \$38,000 in Detroit, about \$26,000 in Lincoln; truck driver: about \$36,000 in Detroit, about \$31,000 in Lincoln.
27. about \$5
28. not reasonable; $47 \times 2 = 94$
29. reasonable; $72 \div 12 = 6$
30. about \$22
31. about -70
32. about 90,000
33. about 300 L

34. You rounded to $20 \div 4$. Your friend used compatible numbers, $21 \div 3$.