

**Answers for Lesson 6-8, pp. 331-332 Exercises**

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1. 30%
2. 32%
3. 12.5%
4. 25%
5. 137.5%
6. 10%
7. 220%
8. 150%
9. 20%
10. 64%
11. 20%
12. 70%
13. 40%
14. 55%
15. 62.5%
16. 16.7%
17. 62.5%
18. 26.2%
19. 67.6%
20. 9.1%
21. 43.7%
22. 18.8% decrease
23. 16.7% decrease
24. 18.8% increase
25. 133.3% increase
26. 166.7% increase
27. 20.8% decrease
28. 24.1% increase
29. 115.3% increase
30. 83.1% decrease
31. Eva should compare  $8 - 7$  to 7, not 8.
32. about 13.2%
33. 20% increase
34. 12.5% increase
35. 10% decrease
36. 1.1% increase
37. 50% decrease
38. 20% decrease
39. a. Growtown 30% increase; Slowtown 20% decrease  
b. 3 years
40. a. 41%  
b. 254%  
c. 398%  
d. The percents were not based on the same original amount.

- 41. a. No; the decrease is 10% of a greater amount.  
b. 1% decrease**