



LESSON

6-3

Practice

Estimating with Percents

Use a fraction to estimate the percent of each number.

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|-----------------------|-----------------------|------------------------|----------------------|
| 1. 21% of 82
_____ | 2. 35% of 42
_____ | 3. 47% of 164
_____ | 4. 9% of 68
_____ |
|-----------------------|-----------------------|------------------------|----------------------|

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|-----------------------|-----------------------|------------------------|-----------------------|
| 5. 65% of 78
_____ | 6. 11% of 92
_____ | 7. 26% of 124
_____ | 8. 89% of 51
_____ |
|-----------------------|-----------------------|------------------------|-----------------------|

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|------------------------|-----------------------|-------------------------|-------------------------|
| 9. 77% of 198
_____ | 10. 5% of 75
_____ | 11. 31% of 148
_____ | 12. 53% of 539
_____ |
|------------------------|-----------------------|-------------------------|-------------------------|

13. In 2004, about \$38 out of every \$100 spent on advertising was spent on television advertising. The amount spent on radio advertising was about 21% as much as was spent on television advertising. How much of every \$100 spent on advertising was spent on radio advertising?

Use 1% or 10% to estimate the percent of each number.

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|------------------------|------------------------|------------------------|------------------------|
| 14. 32% of 46
_____ | 15. 81% of 36
_____ | 16. 15% of 44
_____ | 17. 21% of 62
_____ |
|------------------------|------------------------|------------------------|------------------------|

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|-----------------------|------------------------|------------------------|-------------------------|
| 18. 3% of 72
_____ | 19. 62% of 88
_____ | 20. 12% of 48
_____ | 21. 65% of 124
_____ |
|-----------------------|------------------------|------------------------|-------------------------|

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|-------------------------|------------------------|-------------------------|------------------------|
| 22. 18% of 147
_____ | 23. 5% of 837
_____ | 24. 37% of 213
_____ | 25. 2% of 188
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|-------------------------|------------------------|-------------------------|------------------------|

26. The Fresh Acres Swim Club has a \$35,000 budget for pool maintenance this year. The club members have agreed to raise the budget by 4%. Estimate the pool maintenance budget for next year.
