

**LESSON**  
**7-9** **Practice B**  
**Percent Problems**

Find the percent of each number.

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|----------------------|-----------------------|
| 1. 8% of 40 _____    | 2. 105% of 80 _____   |
| 3. 35% of 300 _____  | 4. 13% of 66 _____    |
| 5. 64% of 50 _____   | 6. 51% of 445 _____   |
| 7. 14% of 56 _____   | 8. 98% of 72 _____    |
| 9. 24% of 230 _____  | 10. 35% of 225 _____  |
| 11. 44% of 89 _____  | 12. 3% of 114 _____   |
| 13. 70% of 68 _____  | 14. 1.5% of 300 _____ |
| 15. 85% of 240 _____ | 16. 47% of 13 _____   |
| 17. 20% of 522 _____ | 18. 2.5% of 400 _____ |

19. Jenna ordered 28 shirts for her soccer team. Seventy-five percent of those shirts were size large. How many large shirts did Jenna order?

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20. Douglas sold 125 sandwiches to raise money for his boy scout troop. Eighty percent of those sandwiches were sold in his neighborhood. How many sandwiches did Douglas sell in his neighborhood?

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21. Samuel has run for 45 minutes. If he has completed 60% of his run, how many minutes will Samuel run in all?

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**LESSON**  
**7-10** **Practice B**  
**Using Percents**

Write the correct answer.

1. Carl and Rita ate breakfast at the local diner. Their bill came to \$11.48. They gave their waitress a tip that was 25% of the bill. How much money did they give the waitress for her tip?  
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2. The school's goal for the charity fundraiser was \$3,000. They exceeded the goal by 22%. How much money for charity did the school raise at the event?  
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3. Rob had a 15% off coupon for the sporting goods store. He bought a tennis racket that had a regular ticket price of \$94.00. How much did Rob spend on the racket after using his coupon?  
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4. Lisa's family ordered sandwiches to be delivered. The total bill was \$21.85. They gave the delivery person a tip that was 20% of the bill. How much did they tip the delivery person?  
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5. A portable CD player costs \$118.26. The sales tax rate is 7%. About how much will it cost to buy the CD player?  
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6. Kathy bought two CDs that each cost \$14.95. The sales tax rate was 5%. About how much did Kathy pay in all?  
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7. Tom bought \$65.86 worth of books at the book fair. He got a 12% discount since he volunteered at the fair. About how much did Tom's books cost after the discount?  
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8. Sawyer bought a T-shirt for \$12.78 and shorts for \$17.97. The sales tax rate was 6%. About how much money did Sawyer spend altogether?  
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9. Melody buys a skateboard that costs \$79.81 and a helmet that costs \$26.41. She uses a 45% off coupon on the purchase. If Melody pays with a \$100 bill, about how much change should she get back?  
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10. Bruce saved \$35.00 to buy a new video game. The game's original price was \$42.00, but it was on sale for 30% off. The sales tax rate was 5%. Did Bruce have enough money to buy the game? Explain.  
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