NAME   **DATE**

Module 4   Solving Problems Using Linear
Equations of One Variable
Lesson 2   Solving Consumer/Business Problems
Using Equations of One Variable

additional practice

Solve.

1. Carl worked for 13 hours and earned $107.25. What is Carl's hourly wage?

2. Walter earns $11.65 per hour. How many hours did Walter work if he earned $407.75?

3. A painter charges a $40 materials fee plus $60 per hour. How many hours did the painter work if a job cost $280?

4. A mailing center charges $1.00 plus $0.24 per page to send a fax. How many pages were sent if the total charge was $4.84?

5. The sum of two consecutive integers is 29. What are the two integers?

6. The sum of two consecutive odd integers is –24. What are the two integers?

7. A toy store owner makes a profit of 3% of the store's total sales. What are the total sales if the owner's profit is $1,200?

8. A waiter must report 12% of his total sales for each shift as tip income. If he reports $42 in tip income, what were his total sales for that shift?

9. A telemarketer earns 22% commission on his sales. What were his sales if his commission was $150.70?

10. After a 15% markup, the price of a CD player was $74.75. What was the wholesale price of the CD player?

11. Molly paid $55.65 for a skateboard, including 5% sales tax. What was the price of the skateboard without the sales tax?

12. Gregory's favorite clothing store is having a 20% off sale. How much will Gregory pay for a pair of jeans that are regularly priced at $49.00?

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