

3.1**Practice**

For use after Lesson 3.1

Write and evaluate an expression for the problem.

- You buy 2 scarves for \$15 each. How much do you spend?
- It takes you 15 minutes to bike 5 miles. How long does it take you to bike 1 mile?
- Four friends split a lunch bill for \$24. How much does each person spend?
- You have traveled 70 miles of a 200-mile trip. How much farther do you have to travel?

Identify the terms, coefficients, variables, and constants in the expression.

	5. $3x^2 + 4x + 7$	6. $7a + 2$	7. $y + z + 10$
Terms:			
Coefficients:			
Variables:			
Constants:			

Evaluate the expression when $a = 4$, $b = 5$, and $c = 10$.

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| 8. $a + 7$ | 9. $b - 3$ | 10. $9c$ |
| 11. $25 \div b$ | 12. $a \cdot c$ | 13. $b - a$ |

Evaluate the expression when $m = 9$ and $n = 12$.

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| 14. $mn - 4 \cdot 2$ | 15. $3n - 4m$ | 16. $\frac{m^2}{3} - 7$ |
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- The expression $9a + 6s$ is the cost for a adults and s students to see a musical performance.
 - Find the total cost for three adults and five students.
 - Find the total cost for four adults and four students.