

Name _____

Date _____

LESSON
1.5

Practice A

For use with pages 30–35

CA Standards
NS 1.2
AF 1.3

LESSON 1.5

Match the expression with its product.

- | | |
|--------------|--------|
| 1. $5(-8)$ | A. 48 |
| 2. $-4(-10)$ | B. 40 |
| 3. $8(-6)$ | C. -40 |
| 4. $-3(-16)$ | D. -48 |

Find the product.

- | | | |
|-----------------|-----------------|------------------|
| 5. $3(-8)$ | 6. $-7(-6)$ | 7. $0(-14)$ |
| 8. $5(-10)$ | 9. $-11(-3)$ | 10. $-12(-13)$ |
| 11. $-14(7)$ | 12. $8(-19)$ | 13. $-15(16)$ |
| 14. $-2(4)(-8)$ | 15. $6(-8)(-9)$ | 16. $-7(-7)(-3)$ |

Evaluate the expression.

- | | | | |
|---------------|----------------|---------------|------------------|
| 17. $(-7)^2$ | 18. -2^3 | 19. $(-4)^4$ | 20. -1^5 |
| 21. $2(-5)^2$ | 22. $-1(-7)^2$ | 23. $-3(2^3)$ | 24. $-5^2(-1)^2$ |

Evaluate the expression when $x = -8$, $y = -5$, and $z = -3$.

- | | | |
|--------------|------------|------------------|
| 25. $4xy$ | 26. $7xz$ | 27. $xy - z$ |
| 28. $zy + x$ | 29. $9xyz$ | 30. $-3xy + 2zx$ |

Find the product.

- | | | |
|--------------------|---------------------|-------------------------|
| 31. $ -7 \cdot 3$ | 32. $-6 \cdot 15 $ | 33. $-3(-9) \cdot -5 $ |
|--------------------|---------------------|-------------------------|

34. You were carrying \$45 in your pocket, but three \$5 bills slipped out and you lost them. How much money do you have now?
35. A person planted 8 rows of 9 tomato plants in a vegetable garden. Heavy rains washed 3 of the rows out. The rest of the plants all yielded tomatoes. How many of the tomato plants yielded tomatoes?
36. Marie has \$400 in a savings account. She withdraws \$30 each week for six weeks to pay for piano lessons. How much money is left in her savings account?
37. A man goes on a diet and loses 3 pounds a month for 8 months. What is the total change in the man's weight?