Name _____ Date _____ Class _____

LESSON 1-7

Practice B

Simplifying Expressions

Simplify each expression.

1. $18 + 9 + 1 + 12$

2. $7 \cdot 15 \cdot 2$

3. $3 + 4\frac{1}{2} + 11 + 5\frac{1}{2}$

4. $-5 \cdot 7 \cdot 20$

5. $-12 + 3 + 12 + 19$

6. $-1 \cdot 5 \cdot 9 \cdot 2$

Write each product using the Distributive Property. Then simplify.

7. $14(12)$

8. $5(47)$

9. $4(106)$

Simplify each expression by combining like terms.

10. $16x + 27x$

11. $-4m + 12m$

12. $6t^2 - 2t^2$

13. $-5w^3 + 18w^3$

14. $4p + 7p^2$

15. $-2.6d - 3.4d$

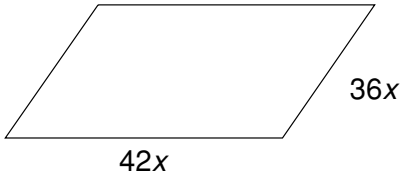
Simplify each expression. Justify each step.

16. $4(x + 9) + 5x$

17. $-12d + 3 + 14d + 18$

Give an expression in simplified form for the perimeter of each figure.

18.



19.