

Skill: Writing Equivalent Expressions**Investigation 1****Say It With Symbols****Use the Distributive Property to write each expression in expanded form.**

1. $2(x + 6)$

2. $-5(8 - b)$

3. $4(-x + 7)$

4. $-\frac{3}{4}(12 - 16d)$

5. $\frac{2}{3}(6h - 1)$

6. $(-3.2x + 2.1)(-6)$

7. $3.5(3x - 8)$

8. $4(x + 7)$

9. $-2.5(2a - 4)$

10. $\frac{2}{3}(12 - 15d)$

11. $-2(k - 11)$

12. $-\frac{1}{3}(6h + 15)$

Skill: Writing Equivalent Expressions *(continued)***Investigation 1****Say It With Symbols**

Use the Distributive Property to write each expression in factored form.

13. $4v - 7 + 8v + 4 - 5$

14. $5(g + 8) + 7 + 4g$

15. $12h - 17 - h + 16 - 2h$

16. $7(e - 8) + 12 - 2e$

17. $-3y + 7 + y + 6y$

18. $(3.2m + 1.8) - 1.07m$

Write each expression in expanded form.

19. $(x - 4)(x - 6)$

20. $(m - 15)(m - 20)$

21. $(y - 7)(y - 6)$

22. $(x - 9)(x - 5)$

Insert parentheses on the left side to make each number sentence true.

23. $3 + 5 \cdot 8 = 64$

24. $4 \cdot 6 - 2 + 7 = 23$

25. $10 \div 3 + 2 \cdot 4 = 8$

26. $3 + 6 \cdot 2 = 18$