

Skill: Solving Linear Equations**Investigation 3**

Say It With Symbols

Solve and check each equation for the indicated variable.

1. $2(n-7) + 3 = 9$

2. $0 = 5(k + 9)$

3. $4h + 7h - 16 = 6$

4. $3(2n - 7) = 9$

5. $-27 = 8x - 5x$

6. $4p + 5 - 7p = -1$

7. $7 - y + 5y = 9$

8. $8e + 3(5 - e) = 10$

Skill: Solving Linear Equations *(continued)***Investigation 3****Say It With Symbols****Solve each equation for the indicated variable.**

9. $3k + 16 = 5k$

10. $5e = 3e + 36$

11. $n + 4n - 22 = 7n$

12. $2(x - 7) = 3x$

13. $8h - 10h = 3h + 25$

14. $7n + 6n - 5 = 4n + 4$

15. $y + 2(y - 5) = 2y + 2$

16. $-9x + 7 = 3x + 19$