

NAME \_\_\_\_\_

DATE \_\_\_\_\_

**Module 3** Solving Linear Equations  
of One Variable

**Lesson 5** Solving Multi-Step Linear Equations



**additional  
practice**

**Solve each equation. Check your solution.**

- |   |  |
|---|--|
| 1. $3y + 5 = 23$ _____                            | 2. $-13 + 7v = 120$ _____                                    |
| 3. $75 = 4k - 17$ _____                           | 4. $-437 = -112 + 25t$ _____                                 |
| 5. $-53 = -119 - 6g$ _____                        | 6. $8W - 43 = 83 + 2W$ _____                                 |
| 7. $-5B + 6 = -4B + 38$ _____                     | 8. $745 - 3f = 5f + 121$ _____                               |
| 9. $5 - 2(z + 3) = -29$ _____                     | 10. $7 - 4(m + 3) = -169$ _____                              |
| 11. $(n + 1) + 2(n + 2) + 3(n + 3) = 98$<br>_____ | 12. $3p - 4(p - 2) + 3(p + 5) = 113$<br>_____                |
| 13. $12c + 2(c + 1) - 3 = 5c + 9$<br>_____        | 14. $15R - 4(R - 7) - 72 = 3R$<br>_____                      |
| 15. $\frac{3d}{5} = -9$ _____                     | 16. $\frac{11a}{7} = 121$ _____                              |
| 17. $15.95j - 21.6 = 100.44 - j$<br>_____         | 18. $0.1x + 0.11x - 4.3 = 0.3x - 4.597$<br>_____             |
| 19. $\frac{T}{9} + \frac{2}{3} = 5 - T$<br>_____  | 20. $\frac{n}{5} + \frac{2}{3} = -\frac{n}{15} + 2$<br>_____ |

