

## Practice 2-5

### Solving Equations by Adding or Subtracting

Use mental math to solve each equation.

- |                              |                         |
|------------------------------|-------------------------|
| 1. $-52 = -52 + k$ _____     | 2. $837 = p + 37$ _____ |
| 3. $x - 155 = 15$ _____      | 4. $180 = 80 + n$ _____ |
| 5. $2,000 + y = 9,500$ _____ | 6. $81 = x - 19$ _____  |
| 7. $111 + f = 100$ _____     | 8. $w - 6 = -16$ _____  |

Solve each equation.

- |                            |                                 |
|----------------------------|---------------------------------|
| 9. $m - 17 = -8$ _____     | 10. $k - 55 = 67$ _____         |
| 11. $-44 + n = 36$ _____   | 12. $-36 = p - 91$ _____        |
| 13. $x - 255 = 671$ _____  | 14. $19 = c - (-12)$ _____      |
| 15. $x + 14 = 21$ _____    | 16. $31 = p + 17$ _____         |
| 17. $-19 = k + 9$ _____    | 18. $87 + y = 19$ _____         |
| 19. $36 + n = 75$ _____    | 20. $-176 = h + (-219)$ _____   |
| 21. $41 + k = 7$ _____     | 22. $1,523 + c = 2,766$ _____   |
| 23. $-88 + z = 0$ _____    | 24. $-33 + (-7) = 29 + m$ _____ |
| 25. $t + (-2) = -66$ _____ | 26. $-390 + x = 11 - 67$ _____  |

27. The combined enrollment in the three grades at Jefferson Middle School is 977. There are 356 students in the seventh grade and 365 in the eighth grade. Write and solve an equation to find how many students are in the ninth grade.

Equation \_\_\_\_\_

Solution \_\_\_\_\_