Lesson 1 Homework Practice

Equations

Identify the solution of each equation from the list given.

1. $h + 9 = 21$; 10, 11, 12   **2.** $34 + p = 52$; 18, 19, 20   **3.** $45 - k = 27$; 17, 18, 19

4. $y - 13 = 24$; 37, 38, 39   **5.** $28 = r - 12$; 40, 41, 42   **6.** $56 = 7q$; 7, 8, 9

7. $9w = 45$; 3, 4, 5   **8.** $30 \div w = 5$; 4, 5, 6   **9.** $t \div 6 = 9$; 52, 53, 54

Solve each equation mentally.

10. $a + 6 = 11$ **11.** $7 + n = 18$ **12.** $17 = 9 + e$

13. $24 = 34 - j$ **14.** $k - 12 = 4$ **15.** $25 - c = 15$

16. $9b = 36$ **17.** $11w = 66$ **18.** $80 = 10d$

19. $45 \div m = 5$ **20.** $g \div 4 = 12$ **21.** $26 \div k = 2$

22. ANIMALS A whiptail lizard has a tail that is twice as long as its body. The equation $2b = 6$ describes the length of a certain whiptail lizard's tail in inches. If b is the length of the whiptail lizard's body, use mental math or the *guess, check, and revise* strategy to find the length of this whiptail lizard's body. What is the total length of the lizard?

23. SPORTS CAMP There are 475 campers returning to sports camp this year. Last year, 525 campers attended sports camp. The equation $475 = 525 - c$ shows the decrease in the number of campers returning to camp from one year to the next. Use mental math or the *guess, check, and revise* strategy to find the number of campers who did not return to camp this year.