Math 7 - Chapter 4 Equations Review 1 Worksheet

Problems 1-8: Use the following symbols to answer the questions: +, −, ×, ÷.

1. sum

2. less than

3. quotient

4. difference

5. product

6. more than

7. increased by

8. twice

Problems 9-20: Solve and check each equation.

9. $k - 14 = -3$

10. $-16x = 80$

11. $17 = \dfrac{x}{5}$

12. $-1.8x = -54$

13. $11 = -\dfrac{5}{6}x$

14. $8x - 12 = 44$

15. $10x + 3 = 23$

16. $14g - 9 = 5$

17. $-7m - 4 = 45$

18. $22.5 + 4.5s = 40.5$

19. $\dfrac{y}{20} - \dfrac{2}{5} = \dfrac{3}{10}$

20. $-4(6 - x) = 12$

Problems 21-25: Translate each sentence into an equation, then find the number.

21. The product of a number and negative four is -56.

22. The quotient of a number and negative fine is 6.

23. Two times the sum of a number and four is negative twenty.

24. Six less than the product of three and a number is -18.

25. Fourty-eight is twice a number more than ten.