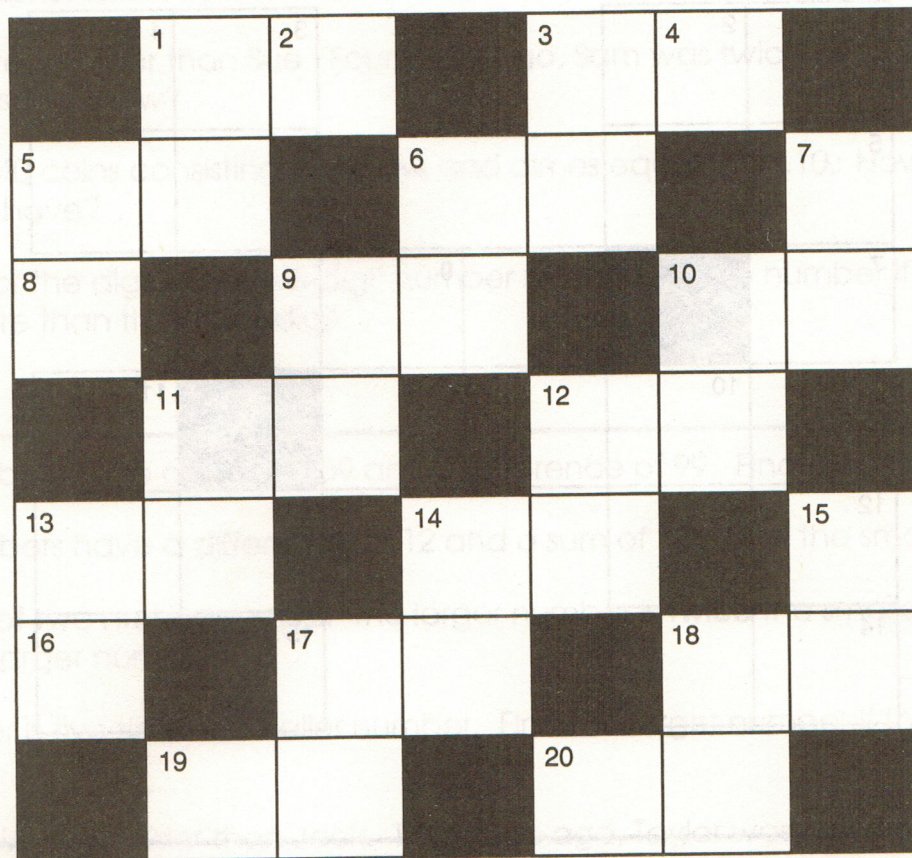


Equation-Solving Fun

Name _____

OBJECTIVE: To use the 5-step equation solving process (flow chart) to solve the puzzle below

Solve the following equations using the flow chart on page 22. Fill in the crossnumber puzzle using the answers.



Across

- 1. $2x - 17 = 29$
- 3. $3x + 16 = 73$
- 5. $4x + 2x = 60$
- 6. $\frac{1}{3}x - 3 = 6$
- 7. $4x + 6 = 7x$
- 8. $3x + 9 = 33$
- 9. $2x + -17 = 43$
- 10. $42 - x = 2x$
- 11. $3x - 21 = 27$
- 12. $2x - 41 = 35$
- 13. $57 = 4x - 43$
- 14. $\frac{x}{5} = 5$
- 15. $9 + 4x = 17$
- 16. $4x = 35 - x$
- 17. $32 - x = x$
- 18. $40 = 4x$
- 19. $x = 5.4 + 0.7x$
- 20. $3x + -45 = 57$

Down

- 1. $3x - 23 = 37$
- 2. $6 + 5x = 21$
- 3. $2x + x + 2x = 85$
- 4. $5x = 27 + 2x$
- 5. $8x - 6x = 36$
- 6. $\frac{1}{4}x + 3 = 8$
- 7. $2x + 7 = 55$
- 9. $2x = 72$
- 10. $6x - 61 = 47$
- 11. $3x - x = 30$
- 12. $\frac{x}{5} - 3 = 4$
- 13. $9x + 81 = 12x$
- 14. $4x - 57 = 47$
- 15. $x = 0.8x + 4$
- 17. $6x = 4x + 36$
- 18. $x = 0.8x + 2.8$
- 19. $9 = x + 2x + 6$
- 20. $7x = 5(x + 1) + 1$