

Solve Equations WS #2

Solving Pro: _____

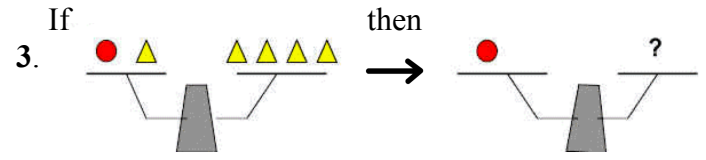
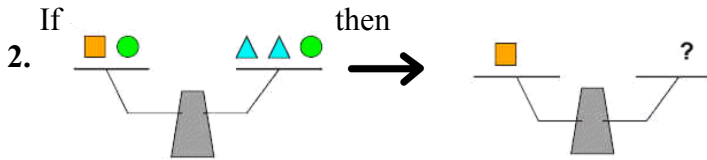
1. Simplify the following expressions:

a. $7y + 4 - 3y - 9$

b. $1.2(0.8c + 2c)$

c. $3w - 2(-4 + 5w)$

d. $\frac{2w}{5} + \frac{2w}{3}$



Solve each equation; show your work and check for accuracy.

4. $5 = a + \frac{1}{2}$

5. $\frac{x}{4} = 12$

6. $18.2 + b = 4.5$

7. $7d = 9$

8. $t - 7 = 18$

9. $4g - 12 = 24$

10. $6 = 9(h + 2)$

11. $\frac{6+n}{7} = 10$

12. $\frac{w}{6} - 1 = -8$

13. $10k + 15 = 15$

14. $3(2s + 8) = 24$

15. $4v - 2 + 8v = 6$

16. $\frac{15r - 12}{3} = 9$

17. $2(z + 2) = z + 1 + z - 1$

18. $5x + 1 = 7x + 10$

19. $5 - 3w = 13 - w$

20. $10 + 3x + 2 = x + 12 + 2x$

21. $6q - 4 + 8q - 2 = 20 + (6 - 4)$

22. $12c - 8(5 - 2c) = 14 + c$

Great! Now you are prepared for a quiz tomorrow!