YL Honors Math 2 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Unit 1 Lesson 1 Homework: Solving Multi-Step Equations and Equations with Like Terms**

**Solve each equation AND CHECK your solution. Your work MUST be shown on a separate sheet of paper!**

1. $2x+7=15$ \_\_\_\_\_\_\_\_\_\_ 2. $6=14-2x$ \_\_\_\_\_\_\_\_\_\_ 3. $-7x+4x=9$ \_\_\_\_\_\_\_\_\_\_

4. $3x-1=8$ \_\_\_\_\_\_\_\_\_\_ 5. $8x-3x=10$ \_\_\_\_\_\_\_\_\_ 6. $x+5x-5=1$ \_\_\_\_\_\_\_\_\_

7. $3x-7+x=5$ \_\_\_\_\_\_\_\_\_ 8. $\frac{4x}{3}+3=23$ \_\_\_\_\_\_\_\_\_ 9. $-10=\frac{1}{2}x+x$ \_\_\_\_\_\_\_\_\_\_

10. $\frac{x}{2}+13=20$ \_\_\_\_\_\_\_\_\_\_ 11. $22=18-\frac{1}{4}x$ \_\_\_\_\_\_\_\_\_\_ 12. $3-0.75x=-6$ \_\_\_\_\_\_\_\_\_

**Find and correct the error.**

13. $5-3x=10$ 14. $5+20h+2h=27$

 $-3x=15$ $27h=27$

$x=-5$$h=1$

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