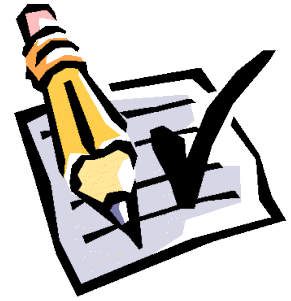


Name _____ Date _____ Hour _____

7th Grade Advanced – Unit 1 Assessment - Study Guide (part 1)

The Unit 1 Assessment will cover the following concepts:

- 1 - Solving Equations
- 2 - Rewriting Equations
- 3 - Inequalities



1. $4 + d = 10.5$

5. $\frac{x}{6} = -3$

2. $9(8f - 5) + 13 = 12f - 2$

6. $9k + 1 = 3(3k - 1)$

3. $-3\pi + r = -8\pi$

7. $y - \frac{2}{3} = \frac{1}{8}$

4. $\frac{1}{7}(14r + 28) = 2(r + 2)$

8. $-3(2g - 3) = -6g + 9$

For each of the equations below, solve for x.

9. $3t + x = 5$

11. $p = 2x + 2$

10. $\frac{1}{3}x + 4 = 3r$

12. $3w - 2x = 8$

Solve and graph each of the inequalities below.

13. $2x - 3 \geq 1$



Possible Solution

14. $-13 > -5r + 2$



Possible Solution

15. $2(b - 4) \leq -6$



Possible Solution

16. $4c - 7c + 2 < -2 + c$



Possible Solution

17. $-3k \geq -24$



Possible Solution