Algebra 1B Review Ch. 5

Quiz 5.3
Test is Thurs. (MCT 5.1-5.3)!

Example 1

Solve $x - 9 < -4$. Then graph it on a number line.

Example 2

Solve $-14h < 56$. Check your solution.

Example 3

Solve $-6y - 13 > 29$. Check your solution.

Whiteboards

29. Four times a number decreased by 6 is less than −2. Define a variable, write an inequality, and solve for the number.

12. $5b - 1 \geq -11$

13 $21 > 15 + 2a$

16. $-a + 6 \leq 5$

17. $37 < 7 - 10w$

Define a variable, write an inequality, and solve each problem. Check y

22. Three fourths of a number decreased by nine is at least forty-two.

23. Two thirds of a number added to six is at least twenty-two.

26. Ten is no more than 4 times the sum of twice a number and three.

CCSS STRUCTURE Solve each inequality. Graph the solution on a number line.

29. $-3(7n + 3) < 6n$

30. $21 \geq 3(a - 7) + 9$