Algebra 1 Review Ch. 5

Test is Thurs.
whiteboards

Example 6

Graph $2x - y > 3$.

$3x - 2y \leq 8$

$\frac{1}{2}x + 3y \leq 12$

$5x - 2y < 10$

$-\frac{2}{3}x + 2y > 4$

Example 1

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

$$n + 5 < 7$$

$$2x \geq 6$$

$$2x - 5 < 9$$

$$3x + 5 \geq 8$$

Example 2

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

$$\frac{}{-14} \quad \frac{}{-14}$$

$$h > -4$$

$$-2x + 5 < 17$$

Example 3

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

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

Example 4

Solve $-3w + 4 > -8$ and $2w - 11 > -19$. Then graph the solution set.

11- 53 odd

p. 325

33. $3x + 2 \leq 11$ or $5x - 8 > 22$

Example 5

Solve $|x - 6| < 9$. Then graph the solution set.

44. $|-k - 7| \geq 4$