

Name: _____ Period: _____

Week 33 Homework Packet – 7th Grade Math Honors

ASSIGNMENT DUE WED/THU, APRIL 19/20, 2017

Unit 4, Chapter 8 - Equations and Inequalities

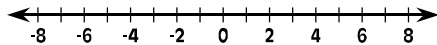
SCORE
/ 4

WEEK SCORE
/ 8

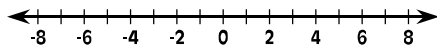
Stamp

Solve and graph the following inequalities. Show all work!

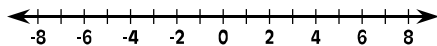
1) $2(1 + 5v) < 82$



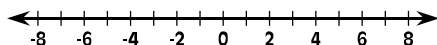
2) $2 + 4(4x + 8) \geq 98$



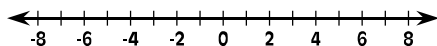
3) $-84 < 3(7 - 5x)$



4) $8(5x - 8) - 5x > -134$



5) $119 \leq 7(1 + 4p)$



Solve the following equations. Show all work.

6) $a = 8a + 4a$

7) $b - 11 = b - 4 - 8$

8) $-23 - 7x = 8(2 + 4x)$

9) $-2(x - 2) = -31 - 7x$

10) $7 + 4(4 + 3v) = 12v + 23$

11) $8(b + 1) = -4(6b + 6)$

Name: _____

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SCORE
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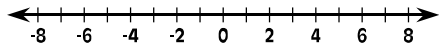
7th Grade Math Honors

ASSIGNMENT DUE FRIDAY, APRIL 21, 2017

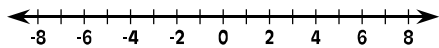
Unit 4, Chapter 8 - Equations and Inequalities

Solve and graph (if possible) the following inequalities. Show all work!

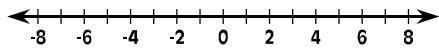
1) $-3(x - 6) \geq 18 - 3x$



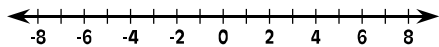
2) $-4(7n - 7) > -4n + 4$



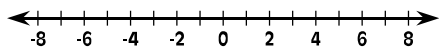
3) $-37 - 8m \leq -7(3m - 6) - 1$



4) $-8(4x + 4) > -32 + x$



5) $6 + x > -3(x - 2) + 4x$



Solve the following equations. Show all work.

6) $4(-8 - 5x) - 2 = -174$

7) $-7(6n + 2) = -350$

8) $8x + 8x = -6x - 8x$

9) $-23 - 5n = -2(8 + 3n)$

10) $5(x - 5) = -25 + 5x$

11) $14 + 6k = -3(-2k - 7)$