

Name: _____ Period: _____

Week 33 Homework Packet – 7th Grade Math

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

Unit 3, Chapter 6 – Equations and Inequalities

Score

/4

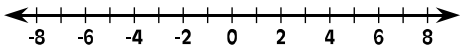
Week Score

/8

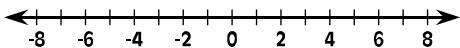
Stamp

Graph each inequality below on the number line provided.

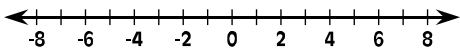
1) $x \leq 7$



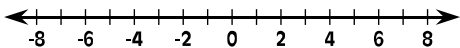
2) $x > \frac{1}{2}$



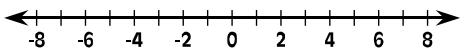
3) $x < 3$



4) $4 \geq x$



5) $-7 < x$



For each problem below, write the inequality that is graphed on the number line.



Skills Review

Solve each equation below. Show all steps!

10) $2m + 11 = 3$

11) $\frac{t}{3} + 9 = 15$

12) $10 - k = -2$

13) $3q - 11 = -5$

14) $14 + 4j = 28$

15) $11 - 3p = -1$

ASSIGNMENT DUE FRIDAY, APRIL 21, 2017

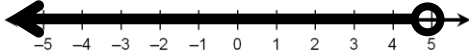
Unit 3, Chapter 6 – Equations and Inequalities

Solve the following inequalities, then graph your answer on a number line. **Show all work!** An example has been done for you.

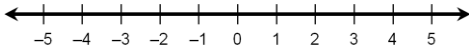
Ex.) $x + 7 < 12$

$-7 \quad -7$

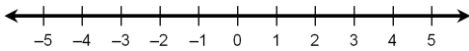
$x < 5$



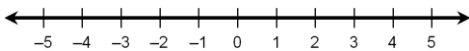
1) $m - 4 > -3$



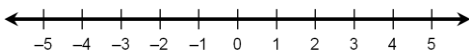
2) $t + 5 \leq 6$



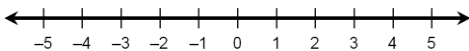
3) $q + 10 \geq 12$



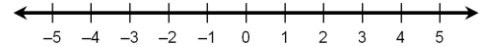
4) $r - 8 > 11$



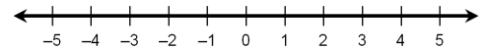
5) $g - \frac{1}{2} < 2$



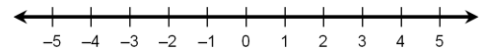
6) $4x - 5 \leq 19$



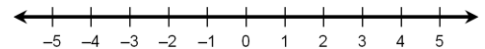
7) $-3x + 7 < 16$



8) $2x + 11 \geq 7$



9) $14 + 6x > -1$



10) $10 - 6x < 4$

