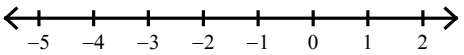
Algebra 1 Name_____

Study Guide Unit 3

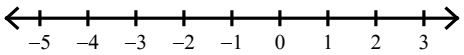
Date_____ Period____

Solve each inequality and graph its solution.

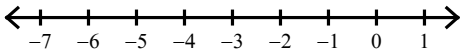
1) $15x < -30$



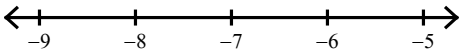
2) $v + 3 < 2$



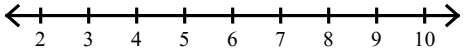
3) $39 \le -3(1 + 7p)$



4) $39 \ge -(3 + 6a)$

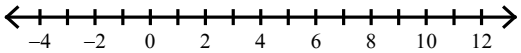


5) $k + 6 > 3k - 6$

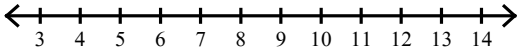


Solve each compound inequality and graph its solution.

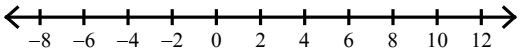
6) $-45 < -5x < 15$



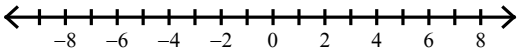
7) $4 + v \le 12$ or $\frac{v}{5} > 2$



8) $-2v + 4 < -14$ or $4 - 5v \ge 24$

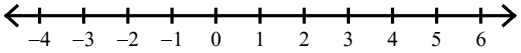


9) $4b - 7 \ge -31$ and $8 - 3b \ge -7$

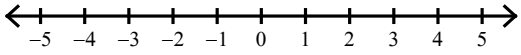


Solve each inequality and graph its solution.

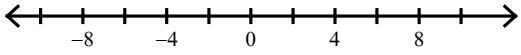
10) $|n| \le 3$



11) $\left|\frac{n}{3}\right| \le 1$



12) $\left|\frac{x}{6}\right| - 6 > -5$



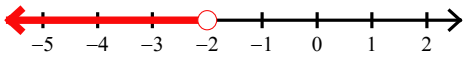
Algebra 1 Name_____

Study Guide Unit 3

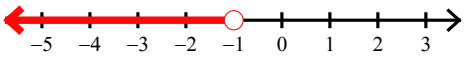
Date_____ Period____

Solve each inequality and graph its solution.

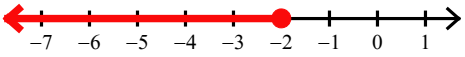
1) $15x < -30$



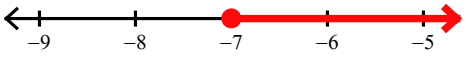
2) $v + 3 < 2$



3) $39 \le -3(1 + 7p)$



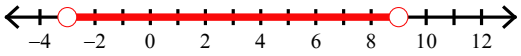
4) $39 \ge -(3 + 6a)$



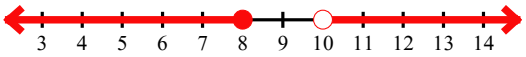
5) $k + 6 > 3k - 6$

Solve each compound inequality and graph its solution.

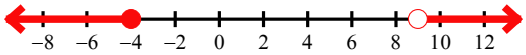
6) $-45 < -5x < 15$



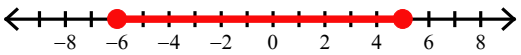
7) $4 + v \le 12$ or $\frac{v}{5} > 2$



8) $-2v + 4 < -14$ or $4 - 5v \ge 24$

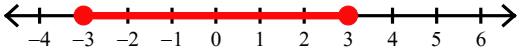


9) $4b - 7 \ge -31$ and $8 - 3b \ge -7$

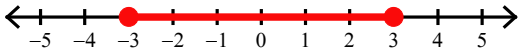


Solve each inequality and graph its solution.

10) $|n| \le 3$



11) $\left|\frac{n}{3}\right| \le 1$



12) $\left|\frac{x}{6}\right| - 6 > -5$