## For the following inequalities, solve and graph each.

$$a-3 > -2 \text{ or } 4a \le -16$$

$$10 \ge 6 + 2r > 6$$

$$1 - 7x > 71 \text{ or } 2x - 1 > 11$$

$$6a + 10 > 34 \text{ or } -1 - 7a > -15$$

$$1 + 4x \ge 1 - 9x$$
 and  $6x + 9 \ge 5 + 7x$ 

$$5v - 7 < 3 + 4v \le 6v - 5$$

$$2x + 4 \le 3x - 1 \text{ or } -x + 8 \ge -7 + 4x$$

$$9b + 7 \le 6b + 1 \text{ or } 10b + 1 > 4 + 7b$$

$$-3x + 5 \le -5x + 9 \le 3x + 1$$

Write the inequality for the following graphed solutions.









