

Name: _____

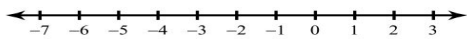
Date: _____

MULTI-STEP INEQUALITIES ALGEBRA

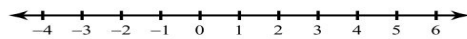
Solve each inequality and graph its solution.

1.

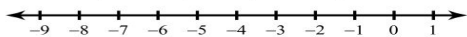
$$-5n + 6 \geq -7(5n - 6) - 6n$$

**2.**

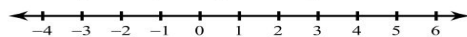
$$-2(2 - 2x) - 4(x + 5) \leq -24$$

**3.**

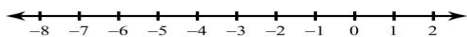
$$-6(1 + 7k) + 7(1 + 6k) \leq -2$$

**4.**

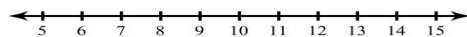
$$3(p - 3) - 5p > -3p - 6$$

**5.**

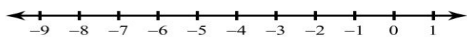
$$-2(5 + 6n) < 6(8 - 2n)$$

**6.**

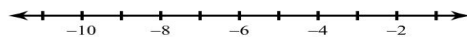
$$28 - k \geq 7(k - 4)$$

**7.**

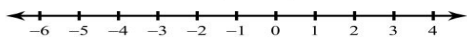
$$-5n - 6n \leq 8 - 8n - n$$

**8.**

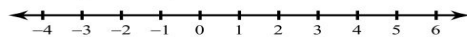
$$a - 6 \leq 15 + 8a$$

**9.**

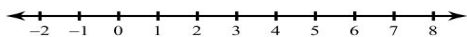
$$-x < -x + 7(x - 2)$$

**10.**

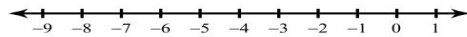
$$3(1 - 2x) > 3 - 6x$$

**11.**

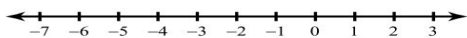
$$28 - 7x \leq -4(-7x - 7)$$

**12.**

$$13 + 2v - 8 + 6 > -7 - v$$

**13.**

$$167 < 6 + 7(2 - 7r)$$

**14.**

$$-8x + 2x - 16 < -5x + 7x$$

