

Inequalities

Directions: Solve each inequality.

1.) $2x + 5 < 15$

2.) $3y - 7 > 14$

3.) $-4z + 9 \leq 5$

4.) $2 < x + 3 < 8$

5.) $3 \leq 2y < 9$

6.) $-4 < x \leq 2$

Directions: Graph each inequality on the number line.

7.) $x < 3$

8.) $5 > x$

9.) $-2 \leq x < 4$

10.) $1 \leq x \leq 5$

