Two-Step Inequalities

Solve like an equation, with one twist

1 Undo + or –

Subtract 5 from both sides

$$-2x + 5 \leq 13$$
$$-5 \quad -5$$
$$-2x \leq 8$$

2 Undo × or ÷

Divide both sides by –2

$$x \geq -4$$

! Flip the symbol

Multiply or divide by a negative number? Flip the inequality sign.

3 Graph it

