

INEQUALITY POSTER

Requirement	Score
Poster has 2 inequalities that DO NOT require the inequality symbol to be flipped when it is solved.	/2
Poster has 2 inequalities that DO require the inequality symbol to be flipped when it is solved.	/2
All 4 inequalities are solved correctly.	/4
Work is shown for solving all 4 inequalities.	/4
Each of the 4 inequalities is graphed correctly.	/4
Poster is neat and creative.	/4
TOTAL	/20

Example:

INEQUALITY POSTER

<p>NO FLIP:</p> $2(x - 4) < 16$ $2x - 8 < 16$ $+8 \quad +8$ $\underline{2x} < \underline{24}$ $\underline{2} \quad \underline{2}$ <p>$x < 12$</p>	<p>FLIP:</p> $-2(x - 4) < 16$ $-2x + 8 < 16$ $-8 \quad -8$ $\underline{-2x} < \underline{8}$ $\underline{-2} \quad \underline{-2}$ <p>$x > -4$</p>	<p>NO FLIP:</p> $\frac{x}{5} + 10 \geq 14$ $-10 \quad -10$ $\frac{x}{5} \geq 4$ $\cdot 5 \quad \cdot 5$ <p>$x \geq 20$</p>	<p>FLIP:</p> $\frac{x}{-5} + 10 \geq 14$ $-10 \quad -10$ $\frac{x}{-5} \geq 4$ $\cdot -5 \quad \cdot -5$ <p>$x \leq -20$</p>