Name:

INEQUALITY POSTER

| Requirement | Score |
|--|-------|
| Poster has 2 inequalities that DO NOT require the inequality | /2 |
| symbol to be flipped when it is solved. | |
| Poster has 2 inequalities that DO require the inequality | /2 |
| symbol to be flipped when it is solved. | |
| 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

NO FLID:

$$2(x-4) < 16$$

 $2x-8 < 16$
 $+8$ $+8$
 $2x < 24$
 2
 $x < 12$

I FLID:

NO FI ID:

$$\frac{x}{5} + 10 \ge 14$$

$$-10 \quad -10$$

$$\frac{x}{5} \ge 4$$

$$\cdot 5 \quad \cdot 5$$

$$x \ge 20$$

$$\frac{x}{-5} + 10 \ge 14$$

$$-10 \quad -10$$

$$\frac{x}{-5} \ge 4$$

$$-5 \quad -5$$

$$x \le -20$$

