Name_____

SOLVING INEQUALITIES #2

Directions: In the following inequalities, solve for *x*. Show your steps and write your answer in the space provided.

Use <= or >= to show when it is greater or equal/ less equal to

---

Examples: $\frac{7x}{7} < \frac{56}{7}$ $\frac{-4x}{-4} < \frac{48}{-4}$ $\frac{12x}{-12} < \frac{-72}{-12}$

$x < 8$ $x > -12$ $x < -6$

Type < = for ≤ or ≥

---

1) $5x < 120$

2) $16x > -320$

3) $-5x > 60$

4) $-2x < 120$

5) $15x \leq 120$

6) $25x \leq 525$

7) $10x \leq 170$

8) $-3x < 420$

9) $-8x < 80$

10) $500x < 1{,}500$

11) $11x \leq 121$

12) $-20x < 120$