

Name: _____

HW# _____

1. What step must you perform when you multiply or divide each side of an inequality by a negative number?

For each question below, solve the inequality, then graph it.

2. $-5x > 10$

3. $-8y - 5 < 3$

4. $-2n + 2 \leq 6$



5. $10 - x < 6$

6. $4 - 2x > 10$

7. $\frac{x}{-2} + 5 \geq 4$



8. **MULTIPLE CHOICE:** Which graph correctly shows the solution set of $4 > x$?

