

Two-Step Inequalities - Practice Worksheet

Name: _____ Date: _____

Instructions: Solve each inequality for the variable. Show your steps. Remember to flip the inequality sign if you multiply or divide by a negative number.

1. $x + 3 > 7$

.....

2. $2x - 4 \leq 8$

.....

3. $3x + 6 \geq 15$

.....

4. $x/2 - 1 < 4$

.....

5. $4x + 2 > 18$

.....

6. $-2x + 5 \geq 11$

.....

7. $x/3 + 4 \leq 7$

.....

8. $-3x - 6 < 9$

.....

9. $5x - 10 \geq 2x + 8$

.....

10. $-(x + 4) > 2x - 1$

.....

Answer Key

1. $x > 4$

2. $x \leq 6$

3. $x \geq 3$

4. $x < 10$

5. $x > 4$

6. $x \leq -3$

7. $x \leq 9$

8. $x > -5$

9. $x \geq 6$

10. $x < -1$