

Practice Quiz Solving Inequalities

Name_____

For each inequality below

a. Solve the inequality b. Graph the result c. Write the result in interval notation

1. $2x + 5 > 9$

2. $-3x - 4 \geq 11$

3. $2(x - 3) + 2x < x - 9$

4. $2x \geq 10$ or $5x < 20$

5. $-4 < 2x \leq 12$

5. $-3x + 2 < 14$ or $4x - 10 < -30$

6. $4 \geq -2x - 2 \geq -12$

7. Solve the equation $D = RT$ for T

8. If you fly a distance, D of 800 miles at a rate, R , of 200 miles per hour, how long, T , until you reach your destination?

Solve for y . Graph the equation. Complete a table for the equation

9. $2x + 4y = 16 + 6x$

x	y
0	
1	
2	
3	

