

Solving Multi-Step Inequalities Bell Work

Solve each inequality.

1. $6x - 1 \leq -19$

2. $-6y + 12 \geq -6$

3. $\frac{x}{7} - 12 > -5$

4. $13 - a < 5$

5. $-16 > 3a + 2$

6. $\frac{y}{4} - 26 > -12$

7. $3x + 4 < 2(x + 3) - x$

8. $5(x - 3) - 7(2x + 9) > 4x$

9. $5x + 3.4 < -9x - 2.2$

10. $-\frac{3x}{5} + 7 \leq -5$

Write, solve and graph each inequality.

11. Three times the sum of a number and seven is greater than five times the number less thirteen.

