

Linear Inequalities

1) Solve the inequality $3m + 3 > 9$

2) Solve the inequality $\frac{1}{3}(2x - 1) < 5$

3) X and Y are two positive numbers such that $X > 2Y$. Which of the following statements is not true.

a) $-X < -2Y$, b) $-X > 2Y$, c) $-X < 2Y$

4) Solve the inequality $(y - 3) < \frac{y}{3}$

5) Solve the inequality $3x - 8 \geq 5x$
