Linear Inequalities

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

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

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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) $-X < 2Y$

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

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

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Linear Inequalities

1) Solve the inequality   3m + 3 > 9

$m > 2$

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

$x < 8$

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) < $\dfrac{y}{3}$

$y < \dfrac{9}{2}$

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

$x \leq -4$