



Absolute Value Inequalities

Version 1

Name: _____

Date: _____

Score: _____

Direction: Solve the following absolute value inequalities.

1) $|x - 6| < 2$

2) $|x - 5| \geq 3$

3) $3 + |6x - 6| \leq 51$

4) $|-2x + 3| - 2 < -8$

5) $1 - 2|x + 1| \geq -1$



Absolute Value Inequalities

Version 1

Name: _____

Date: _____

Score: _____

Direction: Solve the following absolute value inequalities.

1) $|x - 6| < 2$

$4 < x < 8$

2) $|x - 5| \geq 3$

$x \geq 8$ or $x \leq 2$

3) $3 + |6x - 6| \leq 51$

$-7 \leq x \leq 9$

4) $|-2x + 3| - 2 < -8$

no solution

5) $1 - 2|x + 1| \geq -1$

$-2 \leq x \leq 0$