

Daily Agenda

Learning Target:
I can solve absolute value equations and inequalities.
I can sketch a solution set in the indicated domain.

Homework

1.6 Formative

Assessments

Unit 1 Test 9/15
No Calculator

Our greatest glory is not in never failing, but
in rising up every time we fail.
-Ralph Waldo Emerson

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1.5 Inverse Functions

Table Group

Find the inverse of the given function.
State domain and range of inverse.

$$f(x) = x^2 + 5, x \leq 0$$

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1.6 Absolute Value Equations and Inequalities

$$|x - 2| = 14$$

$$|5x + 3| + 2 = 20$$



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1.6 Absolute Value Equations and Inequalities

$$2|3x + 1| = 6$$

$$|3x - 5| + 6 = 2$$



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1.6 Absolute Value Equations and Inequalities

Solve the inequality and graph the solution on a number line.

$$|x - 3| + 2 \leq 7$$

$$|2x + 5| + 6 > 8$$



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1.6 Absolute Value Equations and Inequalities

Solve the inequality and graph the solution on a number line.

$$2|x + 1| - 12 < 8$$

$$\frac{1}{3}|2x - 5| + 6 \geq 8$$



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