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NAME _____ DATE _____

Module 6 Solving Absolute Value Equations and Inequalities

Lesson 2 Solving Advanced Absolute Value Equations

guided practice

Set 1

1. Solve:

$|x| + 2 = 3$

_____

Solution Set: _____

2. Solve:

$18 = 6|x|$

_____

Solution Set: _____

3. Solve:

$|x| - 3 = -4$

_____

Solution Set: _____

4. Solve:

$\frac{|n|}{3} = 0$

_____

Solution Set: _____

Set 2

1. Solve:

$4 - |x + 1| = 2$

_____

Solution Set: _____

2. Solve:

$|x + 1| - 3 = -3$

_____

Solution Set: _____

3. Solve:

$7 = -5 + \frac{1}{2}|x|$

_____

Solution Set: _____

4. Solve:

$4 - 6|x + 3| = 10$

_____

Solution Set: _____

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