

Name: _____

Date: _____

2.4 Solving Multi-Step Inequalities

Essential Question: _____

There is no exploration for this section.

We are going to _____ the operations in _____ order.

EXAMPLE 1 Solving Multi-Step Inequalities

Solve each inequality. Graph each solution.

a. $\frac{y}{-6} + 7 < 9$

b. $2v - 4 \geq 8$

EXAMPLE 2 Solving an Inequality with Variables on Both Sides

Solve $6x - 5 < 2x + 11$.

EXAMPLE 3 Inequalities with Special Solutions

Solve (a) $8b - 3 > 4(2b + 3)$ and (b) $2(5w - 1) \leq 7 + 10w$.