UBM05BLM/AK_61378 2/5/03 5:55 PM Page 125 (Black plate)

NAME _____ DATE _____

Module 5 Solving Linear Inequalities of One Variable
Lesson 4 Solving Multi-Step Linear Inequalities

guided notes

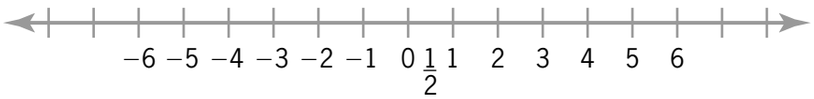
Lesson Objective

- Solve and graph the solution sets to inequalities with variables on both sides.

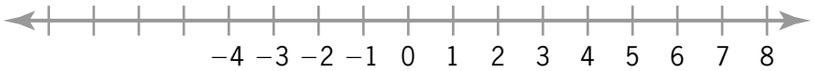
To solve a multi-step inequality that has a variable on both sides, get the _____ on one side and the _____ on the other side.

The inequality $-4 \geq x$ can be rewritten as x _____.

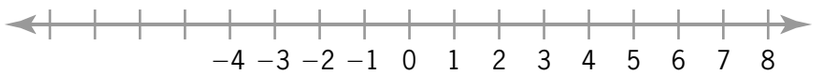
1 Solve and graph: $-6x + 7 \geq 8x$ _____



2 Solve and graph: $12 - 5x \leq 3 - 2x$ _____



3 Solve and graph: $8 - 2(3 - x) > 16 - (x + 2)$ _____



© 2003 BestQuest

410-467-3300

UBM05BLM/AK_61378 2/5/03 5:55 PM Page 126 (Black plate)

410-467-3300