DO NOW

ALGEBRA 1 · 5 MINUTES · START RIGHT AWAY

Lesson 1-6b

Solve a Compound Inequality Involving Or

Name _____ Date _____ Per _____

1 FLUENCY

Solve each part of the compound inequality.

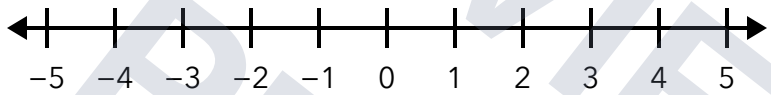
$2x + 1 < -5$ **or** $3x - 4 \geq 8$

x _____ **or** x _____

2 VISUAL MODEL

Solve $x - 3 \leq -5$ **or** $2x > 6$. Graph the solution.

x _____ **or** x _____



3 APPLICATION

A museum gives a discount to visitors younger than 12 **or** at least 65. Write a compound inequality for age a. Who gets the discount?

_____

Age 64: **Yes** or **No** Age 11: **Yes** or **No**

WORK

4 REASONING

Leo solves $-2x > 6$ **or** $x + 1 > 4$ and writes $x > -3$ or $x > 3$. Is he correct? Explain.

Yes or **No**

_____

_____

*We don't divide our effort, we **multiply** it!*

✎ Show your work ✓ Check your work ★ Try your best

Preview - the full worksheet and its answer key are at primeworksheet.com