DO NOW

GEOMETRY · 5 MINUTES · START RIGHT AWAY

Lesson 2-4a # Slopes of Parallel Lines

Name _____ Date _____ Per _____

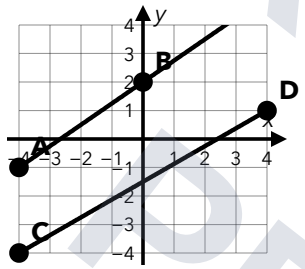
1 FLUENCY

Line ℓ passes through (1, 2) and (4, 8). Line m passes through (−2, −1) and (0, 3). Find each slope. Are the lines parallel?

slope of ℓ: ☐ slope of m: ☐ **Yes** or **No**

2 VISUAL MODEL

These lines look parallel. Find each slope. Are they parallel?



slope AB: ☐

slope CD: ☐

parallel? **Yes** or **No**

3 APPLICATION

On a town grid, Main St. runs through (0, 0) and (6, 4). Oak St. runs through (2, −3) and (8, 1). Will the two straight streets ever cross?

Main: ☐ Oak: ☐ cross? **Yes** or **No**

WORK

4 REASONING

Kim says the line through (0, 1) and (2, 5) is parallel to the line through (1, 3) and (3, 7) because both slopes are 2. Is she 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