DO NOW

GEOMETRY · 5 MINUTES · START RIGHT AWAY

Lesson 1-3d **Find the Distance**

Name _____ Date _____ Per _____

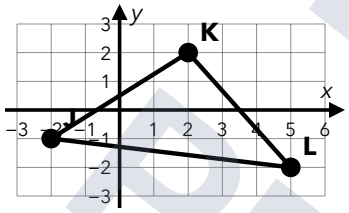
1 FLUENCY

Find the distance between (−1, 4) and (4, −8).

$$d = \sqrt{(4 - (-1))^2 + (-8 - 4)^2} = \square$$

2 VISUAL MODEL

Find each side length of △*JKL*. Then classify the triangle by its sides.



JK = ☐ *KL* = ☐

JL = ☐

Type: _____

3 APPLICATION

On a park map, each unit is 100 m. The fountain is at (−4, 3) and the gate is at (8, −2). How far is it in a straight line from the fountain to the gate?

Map units: _____ Meters: _____

WORK

4 REASONING

Sam says the distance from (1, 3) to (4, 7) is (4 − 1) + (7 − 3) = 7. Is he correct? When **would** adding the differences give the distance?

Yes or **No** *d* = ☐

_____

_____

*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