DO NOW

ALGEBRA 1 · 5 MINUTES · START RIGHT AWAY

Lesson 10-7b # Graph Inverse Functions

Name _____ Date _____ Per _____

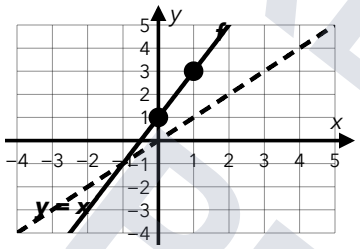
1 FLUENCY

$f(x) = 3x - 2$ passes through $(0, -2)$, $(1, 1)$, and $(2, 4)$. Name three points on f^{-1}.

(☐ , 0), (1, ☐), (☐ , ☐)

2 VISUAL MODEL

$f(x) = 2x + 1$ is graphed with $y = x$ dashed. Graph f^{-1}.



(0, 1) → (☐ , ☐)

(1, 3) → (☐ , ☐)

Fixed point:

(☐ , ☐)

3 APPLICATION

A taxi fare is $f(m) = 2.5m + 3$ dollars for m miles, so (4, 13) is on its graph. Which point is on the graph of f^{-1}? What does it mean?

Point: (☐ , ☐) → $ _____

WORK

4 REASONING

Jon says the graph of f^{-1} is the reflection of the graph of f across the x-axis. 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