DO NOW

GRADE 8 · 5 MINUTES · START RIGHT AWAY

Lesson 1-8a **Estimate Very Large Quantities**

Name _____ Date _____ Per _____

1 FLUENCY

Estimate each number as a single digit times a power of 10.

$6{,}812{,}000 \approx \square \times 10^{\square}$

$289{,}500 \approx \square \times 10^{\square}$

2 VISUAL MODEL

Point P is 46,200,000. Round P to the nearer labeled tick.



$P \approx \square \times 10^{\square}$

3 APPLICATION

A video got 3,782,416 views in its first week. Estimate the views as a single digit times a power of 10. At that rate, about how many views in 2 weeks?

1 week ≈ _____ 2 weeks ≈ _____

WORK

4 REASONING

Ava estimates 649,000 as 6×10^6. Is she correct? Explain.

Correct? **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