DO NOW

GRADE 6 · 5 MINUTES · START RIGHT AWAY

Lesson 8-3b

Make a Box Plot When the Number of Values Is Even

Name _____ Date _____ Per _____

1 FLUENCY

Find the median of the 8 values.

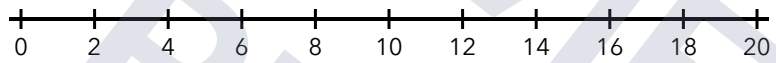
6, 9, 11, 14, 16, 20, 22, 25 → ☐

WORK

2 VISUAL MODEL

Data: 3, 5, 6, 8, 10, 11, 13, 14, 17, 19. Fill in the summary, then draw the box plot.

Min ☐ Q1 ☐ Med ☐ Q3 ☐ Max ☐



3 APPLICATION

Pages read by 12 students: 30, 12, 25, 38, 18, 40, 22, 31, 15, 27, 34, 20. Find Q1, Q3, and the interquartile range (IQR).

Q1 ☐ Q3 ☐ IQR ☐

WORK

4 REASONING

Eli says the median of 4, 7, 9, 12, 15, 18 is 10 because (9 + 12) ÷ 2 = 10. Find and explain his error.

Correct median: ☐

_____

_____

*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