Name _____

Statistic Repair Answer Key

1. Median: 9. Ordered data: 4, 6, 9, 12, 15. The answer was correct, but the method was incorrect.

2. Mode: 7. It occurs 3 times.

3. Range: 12. Calculate 18 - 6.

4. Median: 10. Ordered data: 5, 8, 9, 11, 12, 14. Halfway between 9 and 11 is 10.

5. Modes: 16 and 20. Both occur twice.

6. Range: 15. Calculate 32 - 17.

Teacher's Guide

- Quick implementation: Have students independently recalculate each statistic rather than relying on the fictional student's work. Review the correct rules after all six items are completed.

- Differentiation: Provide the three reminders: order data before finding the median, look for the most frequent value for the mode, and calculate maximum - minimum for the range.

- Engagement: Let students act as "statistic checkers" and verify each fictional solution before revealing the correct answers.

- Extension: Give students a data set and ask them to write an incorrect solution based on a common misconception, then have a partner identify and correct it.

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