Name _____ Date _____ Period _____

LESSON 2-6 · WARM-UP

Warm-Up Practice

Median and Outliers / Comparing Distributions

THE MOVE

what this page practices

Find the median, then find it again after the set changes

Order the values and take the middle one, or the number halfway between the middle two. When a value is removed or changed, re-order what is left and find the new middle.

WORKED MODEL

we do this one together

Step 1	Find the median of 4, 6, 7, 8, 40.
Step 2	Five values in order, so the middle is the 3rd: _____
Step 3	Now take out 40. Four values are left: 4, 6, 7, _____
Step 4	The middle two are 6 and 7, so the median is (6 + 7) ÷ 2 = _____

YOUR TURN

8 items · about 10 minutes

1. Median of 3, 5, 9, 11, 50 = _____

ANSWER _____

2. Take 50 out of 3, 5, 9, 11, 50. New median = _____

ANSWER _____

3. Median of 12, 14, 15, 16, 18, 19, 60 = _____

ANSWER _____

4. Take 60 out of 12, 14, 15, 16, 18, 19, 60. New median = _____

ANSWER _____

5. Median of 8, 8, 9, 10, 11 = _____

ANSWER _____

6. Change the 11 in 8, 8, 9, 10, 11 to 95. New median = _____

ANSWER _____

7. A set of 5 numbers has a median of 14. Four of the values are 10, 12, 16, and 18. What is the fifth value? _____

ANSWER _____

8. Seven daily high temperatures: 68, 70, 71, 72, 73, 74, 95. Find the median. Then find the median again with 95 taken out.

ANSWER _____