Name _____ Date _____ Period _____

LESSON 2-9 · WARM-UP

Warm-Up Practice

Describe Data by Mean Absolute Deviation

THE MOVE

what this page practices

Find how far a value is from the mean, then add the distances

A distance is never negative. Subtract the smaller number from the larger one. A value equal to the mean is 0 away. Then add the distances you found.

WORKED MODEL

we do this one together

Step 1	The mean is 20. How far is each value from 20?
Step 2	26 is 26 − 20 = _____ away.
Step 3	14 is 20 − 14 = _____ away.
Step 4	The two distances add to _____

YOUR TURN

8 items · about 10 minutes

1. The mean is 15. How far is 21 from the mean? _____
ANSWER _____

2. The mean is 15. How far is 9 from the mean? _____
ANSWER _____

3. The mean is 30. How far is 30 from the mean? _____
ANSWER _____

4. The mean is 8. How far is 3 from the mean? _____
ANSWER _____

5. The mean is 12. How far from the mean are 9, 12, and 16?
ANSWER _____

6. The distances from the mean are 5, 3, 0, 4, 8. Add them. _____
ANSWER _____

7. The mean is 40. Name both values that are 7 away from the mean. _____
ANSWER _____

8. Five backpacks weigh 8, 10, 12, 14, 16 pounds. Find the mean, then each value's distance from the mean, then the mean of those distances.
ANSWER _____