Name _____ Date _____ Period _____

LESSON 2-2 · WARM-UP

Warm-Up Practice

Represent and Describe Data in a Histogram

THE MOVE

what this page practices

Sort values into given intervals and count each bin

Check each value against one interval at a time; a value belongs to the interval that contains it. Then add the bin counts and make sure the total equals the number of values you started with.

Read a scale that counts by 2, 5, or 10

Find what one gridline is worth, then multiply by how many lines up the bar reaches.

WORKED MODEL

we do this one together

Step 1	Data: 4, 11, 19, 21, 25, 29
Step 2	0-9 holds 4, so 1 value.
Step 3	10-19 holds 11 and 19, so _____ values.
Step 4	20-29 holds 21, 25, and 29, so _____ values. Check: 1 + 2 + 3 = _____

YOUR TURN

8 items · about 10 minutes

1. Data: 2, 7, 13, 18, 24. How many land in 10-19? _____

ANSWER _____

2. Data: 5, 11, 16, 20, 27, 31. How many land in 20-29? _____

ANSWER _____

3. Which interval holds 40: 30-39 or 40-49? _____

ANSWER _____

4. Data: 8, 14, 19, 22, 29, 33, 35. How many land in 30-39? _____

ANSWER _____

5. Data: 12, 15, 15, 18, 21, 26, 28, 30. Count 10-19, then 20-29, then 30-39.

ANSWER _____

6. A histogram's scale counts by 2. A bar reaches the 6th line above 0. Height = _____

ANSWER _____

7. A set of 15 values is split into 10-19, 20-29, and 30-39. The first two bins hold 6 and 5. How many are in 30-39? _____

ANSWER _____

8. Thirteen test scores: 62, 71, 75, 78, 80, 83, 85, 88, 90, 91, 94, 96, 99. Sort them into 60-69, 70-79, 80-89, and 90-99, and give the four counts.

ANSWER _____