Name _____ Date _____ Period _____

LESSON 2-5 · WARM-UP

Warm-Up Practice

Describe Data by Range and Interquartile Range

THE MOVE

what this page practices

Pick the two numbers a spread needs, then subtract

Range is largest minus smallest. IQR is Q3 minus Q1. Same subtraction both times; only the two numbers change.

WORKED MODEL

we do this one together

Step 1	Data: 12, 7, 19, 4, 15
Step 2	Largest 19, smallest 4. Range = 19 − 4 = _____
Step 3	A different set has Q1 = 6 and Q3 = 17.
Step 4	IQR = Q3 − Q1 = 17 − _____ = _____

YOUR TURN

8 items · about 10 minutes

1. Range of 14, 9, 22, 6, 18 = _____
ANSWER _____

2. Range of 31, 27, 45, 19, 38 = _____
ANSWER _____

3. Range of 105, 98, 130, 87 = _____
ANSWER _____

4. Q1 = 12 and Q3 = 29. IQR = _____
ANSWER _____

5. Q1 = 8.5 and Q3 = 21. IQR = _____
ANSWER _____

6. Range of 200, 145, 208, 162 = _____
ANSWER _____

7. A set has a range of 24 and its smallest value is 17. What is its largest value? _____
ANSWER _____

8. Nine bus rides took 16, 8, 22, 12, 30, 10, 26, 14, 20 minutes. Find the range and the IQR.
ANSWER _____