Name_____ Date_____ Period_____

LESSON 2-8 · SESSION 1 · PREREQUISITE PRACTICE B · SKILL 1 OF 2

Count Values in a Data Set

Builds on Lesson 2-1 Session 2 · 6.SP.B.5a

TODAY'S LESSON	Nyla wants to leave out the $0 day. But $12, $0, $15, $9, $14 is 5 values, not 4.
YOU NEED TO	Count every value in a data set, including 0 and repeats. **You will use it in Practice Form A, problem 7.**

STEPS TO FOLLOW

use these same steps on every problem

1. **Point** to each value, one at a time.
2. **Count** zeros and repeated values too.
3. **Write** the total count.

WATCH ME

the steps in action

How many values are in 12, 0, 15, 9, 14?

Step 1 Point to 12, 0, 15, 9, 14.

Step 2 0 is a value. Count it.

Step 3 There are 5 values.

Answer **5**

TRY IT WITH HELP

fill in each step

1. How many values are in 10, 10, 10, 40?

Step 1 Point to 10, 10, 10, _____

Step 2 The three 10s count as _____ values.

Step 3 There are _____ values.

2. How many values are in 0, 5, 0, 8, 7, 0?

Step 1 Point to 0, 5, 0, 8, 7, _____

Step 2 There are _____ zeros. Count them.

Step 3 There are _____ values.

YOUR TURN

use the steps on your own

3. Count the values.

a. 3, 8, 5, 12 _____

b. 20, 20, 20 _____

c. 0, 0, 4, 9, 6 _____

d. 1, 0, 1, 0 _____

Order and Compare Data Values

Builds on Lesson 2-3 Session 1 · 6.SP.B.5c

TODAY'S LESSON	The mean of 7, 4, 9, 6, 9 must land between 4 and 9.
YOU NEED TO	Order a data set. Name its least and greatest values. **You will use it in Practice Form A, problems 1 and 4.**

STEPS TO FOLLOW

use these same steps on every problem

1. **Find** the least value. Write it first.
2. **Write** the rest from least to greatest.
3. **Name** the least and greatest. The mean is between them.

WATCH ME

the steps in action

Order 7, 4, 9, 6, 9.

Step 1 The least value is 4.

Step 2 4, 6, 7, 9, 9.

Step 3 Least 4, greatest 9. The mean is between 4 and 9.

Answer **4, 6, 7, 9, 9**

TRY IT WITH HELP

fill in each step

4. Order 12, 9, 15, 11, 13.

Step 1 The least value is _____.

Step 2 Order: _____

Step 3 Least _____, greatest _____.

5. Order 3, 8, 5, 12.

Step 1 The least value is _____.

Step 2 Order: _____

Step 3 Least _____, greatest _____.

YOUR TURN

use the steps on your own

6. Order each set. Name the least and greatest.

a. 14, 21, 17 _____

b. 8, 12, 9 _____

c. 30, 45, 25 _____

d. 20, 16, 22 _____

READY CHECK

a problem like the one in today's lesson

7. Bryce says the mean of 10, 10, 10, 40 is 10. Where must the mean be?

A less than 10

B exactly 10

C between 10 and 40

D more than 40

CHECK YOURSELF ☐ I can do this on my own ☐ I need a little help ☐ I have a question about #____