

Data Detectives

Students use counted groups to check ideas and record simple conclusions.

K.1.d "constructing and critiquing conclusions and explanations make simple conclusions based on data or observations"

NAME _____

DATE _____

Teacher: this page is run aloud. The script and answers are on the guide page.

1 CHECK IDEAS _____

a	YES	NO	MAYBE
b	MAYBE	NO	YES
c	NO	MAYBE	YES

2 RECORD IT _____

HOW TO RUN THIS PAGE

Use paper clips, pencils, and books to make the counted groups as each prompt is read. Students decide whether each spoken idea matches the observation, then record whether the first group has more, less, or the same amount.

Students never read directions on this sheet. Read each part's script aloud, then each prompt, giving think time before students mark.

PART 1 • CHECK IDEAS

SAY “Watch the groups I make, then listen to a student's idea. Does the idea match what we counted? Circle YES, NO, or MAYBE for each idea.”

ROW	SAY	STUDENTS CIRCLE
a	I counted 2 paper clips in one pile and 5 paper clips in another pile. A student says the second pile has more. Does this idea match what we counted? Circle YES, NO, or MAYBE.	YES
b	I counted 6 pencils in one group and 6 pencils in another group. A student says the first group has fewer. Does this idea match what we counted? Circle YES, NO, or MAYBE.	NO
c	I counted 7 books on one table and 4 books on another table. A student says the second table has fewer books. Does this idea match what we counted? Circle YES, NO, or MAYBE.	YES

PART 2 • RECORD IT

SAY “For the first box, I counted 3 paper clips in the first pile and 8 paper clips in the second pile. For the next box, I counted 9 pencils in the first cup and 4 pencils in the second cup, and for the last box, I counted 5 books on each table. Write M if the first group has more, L if the first group has less, or S if both groups are the same.”

- Box 1: **L**
- Box 2: **M**
- Box 3: **S**

WHAT TO ACCEPT

Circle YES, NO, YES in order. Accept a clear L, M, S in the three recording boxes, in order.