

Data Detectives

Students use spoken observations to choose a conclusion and spot a surprising result.

1.1.d “constructing and critiquing conclusions and explanations make simple conclusions based on data or observations recognize unusual or unexpected results”

NAME _____

DATE _____

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

1 THINK IT THROUGH

a	clips	pencils	same
b	yes	no	maybe

2 FIND SURPRISE

a	● ●	● ● ● ● ●	● ● ●
b	● ● ● ●	●	● ● ●

HOW TO RUN THIS PAGE

Read each row aloud and give students time to circle one choice. Students make a simple conclusion from the counts, then identify a count that does not fit the others.

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

PART 1 • THINK IT THROUGH

SAY “Listen to each observation. Read the choices with me, then circle the choice that matches what you know.”

ROW	SAY	STUDENTS CIRCLE
a	I counted four paper clips and one pencil on the desk. Which word tells what there were more of? Read the words with me: clips, pencils, same. Circle your answer.	clips
b	Mia counted five books on the table and two books on the shelf. She said, "There are more books on the table." Is Mia's idea right? Read the words with me: yes, no, maybe. Circle your answer.	yes

PART 2 • FIND SURPRISE

SAY “Listen for the count that is different from the counts that happened most often. Circle the dots that show the surprising count.”

ROW	SAY	STUDENTS CIRCLE
a	I counted buttons in four groups. Three groups had two buttons. One group had five buttons. Which dots show the unusual count? Circle your answer.	5 dots
b	I counted crayons in four boxes. Three boxes had four crayons. One box had one crayon. Which dots show the unusual count? Circle your answer.	1 dots

WHAT TO ACCEPT

Part 1 answers are clips, then yes. Part 2 answers are 5 dots, then 1 dot. Accept a clear circle around the intended cell.