

Data Detectives

Students compare classroom count data and find number patterns.

K.2.B "analyze data by identifying significant features and patterns;"

NAME _____

DATE _____

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

1 FIND FEATURES

a	PENCILS	CLIPS	BOOKS
b	BOOKS	PENCILS	CLIPS
c	PENCILS	BOOKS	CLIPS

2 NEXT GROUP

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

HOW TO RUN THIS PAGE

Gather pencils, paper clips, and books before beginning. Make the groups named in each prompt, then have students use the count data to notice which group is most, least, between, or next in a pattern. Students show their analysis by circling a printed word or dot group.

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

PART 1 • FIND FEATURES

SAY “For each row, I will make groups of pencils, paper clips, and books and count them aloud. I will read the words in the row. Listen to the question, then circle the word that names the group.”

ROW	SAY	STUDENTS CIRCLE
a	We counted 2 pencils, 5 paper clips, and 3 books. Which kind has the most? Circle PENCILS, CLIPS, or BOOKS.	CLIPS
b	We counted 4 pencils, 6 paper clips, and 1 book. Which kind has the fewest? Circle BOOKS, PENCILS, or CLIPS.	BOOKS
c	We counted 2 pencils, 4 paper clips, and 6 books. Which kind has more than the pencils but fewer than the books? Circle PENCILS, BOOKS, or CLIPS.	CLIPS

PART 2 • NEXT GROUP

SAY “I will place groups of paper clips from left to right. Watch how the number changes in the groups I show you. Circle the dots that show the group that should come next.”

ROW	SAY	STUDENTS CIRCLE
a	Look at the paper clip groups: 1, then 2, then 3. What dot group should come next? Circle 3 dots, 4 dots, or 5 dots.	4 dots
b	Look at the paper clip groups: 2, then 4, then 6. What dot group should come next? Circle 8 dots, 7 dots, or 9 dots.	8 dots

WHAT TO ACCEPT

Part 1 answers are CLIPS, BOOKS, CLIPS. Part 2 answers are 4 dots and 8 dots. Accept a clear circle around the correct word or dot group.