

Rows to Pictures

Students build a real-object graph, then record it as a picture graph.

K.8.B “use data to create real-object and picture graphs; and”

NAME _____

DATE _____

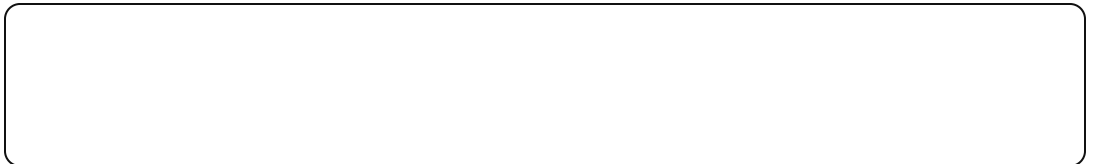
Teacher: this page is run aloud. The script and answers are on the guide page.

1 MAKE A GRAPH _____

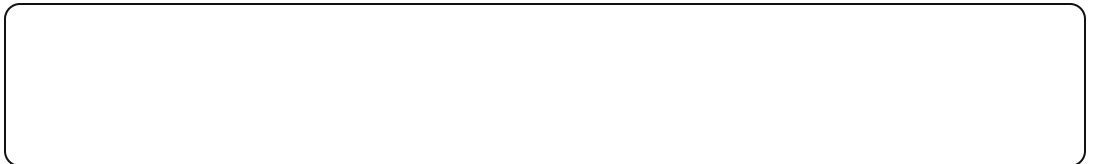
Pencils



Books



Clips



2 COUNT ROWS _____

a



b



HOW TO RUN THIS PAGE

Before the activity, set out 2 pencils, 3 books, and 4 paper clips for each table group. Students sort the objects into rows to make a real-object graph, then draw circles to make a matching picture graph.

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

PART 1 • MAKE A GRAPH

SAY “Look at the pencils, books, and paper clips on your table. Can you help place each kind in its own straight row, with spaces between the objects? Now look at the real-object graph. Can you draw one small circle in each box for every object in the matching row?”

- Box 1 (beside Pencils): **2 drawn circles**
- Box 2 (beside Books): **3 drawn circles**
- Box 3 (beside Clips): **4 drawn circles**

PART 2 • COUNT ROWS

SAY “Look at the real-object graph at your table. Listen to each question, then circle the dots that show the answer.”

ROW	SAY	STUDENTS CIRCLE
a	How many pencils are in the pencil row? Circle the dots that show how many.	2 dots
b	How many paper clips are in the clip row? Circle the dots that show how many.	4 dots

WHAT TO ACCEPT

Accept picture graphs with 2 circles for pencils, 3 circles for books, and 4 circles for clips. Circle-row answers are 2 dots, then 4 dots.