Pocket Fill Test

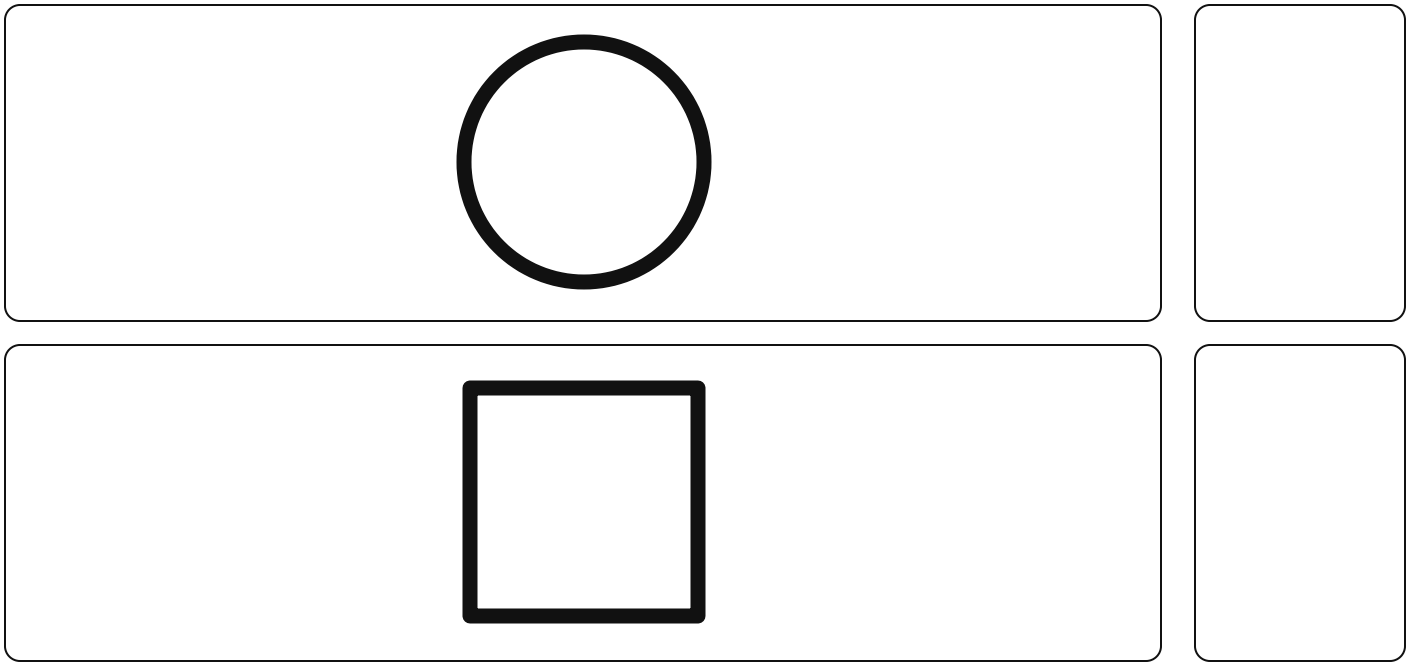
Students count paper clips that fill two paper pockets, then compare the counts.

K.GM.2.4 "Compare the number of objects needed to fill two different containers."

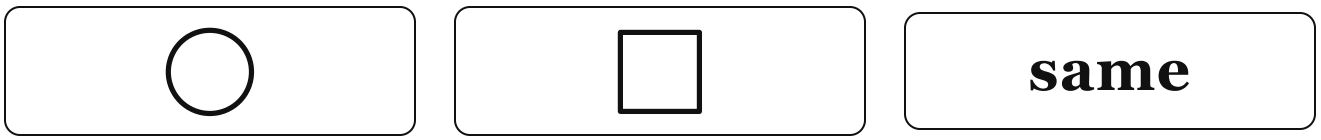
NAME _____ DATE _____

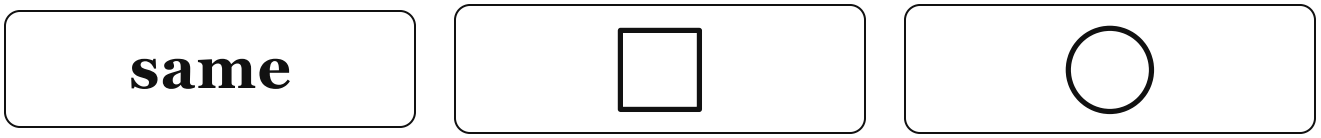
Teacher: this page is run aloud. The script and answers are on the guide page.

1 COUNT CLIPS



2 COMPARE POCKETS

a 

b 

ANSWER KEY

Pocket Fill Test

HOW TO RUN THIS PAGE

Before class, fold two open paper pockets from paper and draw a circle on one and a square on the other. Test them with identical paper clips placed side by side in one row, without gaps or overlaps. Adjust the pockets so each takes 1 to 9 clips and the circle pocket takes fewer than the square pocket, then let students watch and count as you fill each one.

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

PART 1 · COUNT CLIPS

SAY "Watch me fill each paper pocket with paper clips. How many clips fill the pocket marked with a circle? Write that number beside the circle. How many fill the pocket marked with a square? Write that number beside the square."

- Box 1 (beside circle): **The number of paper clips that filled the circle pocket.**
- Box 2 (beside square): **The number of paper clips that filled the square pocket.**

PART 2 · COMPARE POCKETS

SAY "Now compare how many clips filled the two pockets. For each row, circle one answer."

ROW	SAY	STUDENTS CIRCLE
a	These choices are circle, square, and same. Which pocket needed more paper clips to fill it?	**square**
b	These choices are same, square, and circle. Which pocket needed fewer paper clips to fill it?	**circle**

WHAT TO ACCEPT

Accept the observed counts in the boxes. Students should circle square for more and circle for fewer; if the pockets do not fill as planned, adjust them and repeat the test.