Pocket Capacity Test

Students fill paper pockets with paper clips, then compare how much they hold.

1.GM.2.5 "Use standard and nonstandard tools to identify volume/capacity. Compare and sort containers that hold more, less, or the same amount."

NAME _____ DATE _____

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

1 FILL AND COUNT

A	
B	
C	

2 COMPARE POCKETS

a	**A**	**C**	**B**
b	**AC**	**BC**	**AB**
c	**AB**	**AC**	**BC**

ANSWER KEY

Pocket Capacity Test

GRADE 1 · 1.GM.2.5

HOW TO RUN THIS PAGE

Before class, fold three upright paper pockets and label them A, B, and C. Make A and B identical and C smaller, but do not point out their sizes to students. Give students paper clips to use as nonstandard units, and have them test the pockets before completing the comparison rows.

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

PART 1 · FILL AND COUNT

SAY "Put paper clips into each paper pocket until no more fit. Count the clips in each pocket. How many clips fit in each one? Write each number beside its letter."

- Box 1 (beside A): **The number of paper clips that fit in pocket A.**
- Box 2 (beside B): **The number of paper clips that fit in pocket B.**
- Box 3 (beside C): **The number of paper clips that fit in pocket C.**

PART 2 · COMPARE POCKETS

SAY "Look at your numbers and the paper pockets you tested. I will read each question and its choices. Circle one choice in each row."

ROW	SAY	STUDENTS CIRCLE
a	The choices are A, C, and B. Which pocket holds less than each of the other pockets?	**C**
b	The choices are A and C, B and C, or A and B. Which two pockets have the same capacity?	**AB**
c	The choices are A and B, A and C, or B and C. Which two pockets each hold more than C?	**AB**

WHAT TO ACCEPT

Accept counts observed during the test. The comparison answers are C, A and B, then A and B. If identical pockets yield different counts, help students place the clips the same way and retest before they compare.