

Move and Count

Students count the same paper clips after they are moved and counted in a new order.

K.NS.1.b "Recognize and explain that the number of objects remains the same regardless of the arrangement or the order in which the objects are counted."

NAME _____

DATE _____

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

1 CIRCLE IT _____

a			
b			
c			

2 WRITE IT _____

HOW TO RUN THIS PAGE

Before starting, prepare paper-clip groups of 5 for row one, 3 for row two, and 4 for row three. For Part 2, prepare groups of 6 and 7 paper clips, then move each group without adding or taking away any paper clips.

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

PART 1 • CIRCLE IT

SAY “Look at the paper clips as I move them. Listen to each question, then circle the dots that show your answer.”

ROW	SAY	STUDENTS CIRCLE
a	Row one: Look at the paper clips in a line. Count them from left to right with me. I will spread the same paper clips apart, and we will count from right to left. How many paper clips are there now? Circle the dots that show how many.	5 dots
b	Row two: Look at the paper clips close together. Count them with me. I will put the same paper clips in a line, and we will start counting at the other end. How many paper clips are there now? Circle the dots that show how many.	3 dots
c	Row three: Look at the paper clips in a line. Count them with me. I will make spaces between the same paper clips, and we will count in a new order. How many paper clips are there now? Circle the dots that show how many.	4 dots

PART 2 • WRITE IT

SAY “For the first box, count the paper clips in two rows with me. I will slide the same paper clips into one row, then write how many paper clips there are. For the next box, count the paper clips as I move them into a new arrangement, write how many there are, and tell me whether the number changed and why.”

- Box 1: **6**
- Box 2: **7**

WHAT TO ACCEPT

Circle-row answers are 5, 3, and 4, in that order. Accept recognizable numerals 6 and 7, plus an oral explanation that the number stays the same because the same paper clips were moved and none were added or removed.