

Clip Count Challenge

Students measure paper-clip trains and record each length.

MA.K.M.1.3 "Express the length of an object, up to 20 units long, as a whole number of lengths by laying non-standard objects end to end with no gaps or overlaps."

NAME _____

DATE _____

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

1 CIRCLE IT _____

a	4	3	5
b	6	7	8
c	9	11	10

2 WRITE IT _____

	
	
	

HOW TO RUN THIS PAGE

Use identical paper clips as the measuring units. Before each task, lay the clips in one straight line so that each clip touches the next clip with no gaps or overlaps, then have students count the clips from one end to the other.

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 “Will you watch as I lay each paper-clip train from end to end? What should you check to make sure the clips have no gaps or overlaps? For each row, which number tells how many paper clips long the train is?”

ROW	SAY	STUDENTS CIRCLE
a	Look at the first paper-clip train. Which number tells how many paper clips long it is? Circle the number.	4
b	Look at the next paper-clip train. Which number tells how many paper clips long it is? Circle the number.	7
c	Look at the last paper-clip train. Which number tells how many paper clips long it is? Circle the number.	10

PART 2 • WRITE IT

SAY “Will you watch as I lay a new paper-clip train beside each shape? Count the paper clips from one end to the other. At each shape, what number tells how many paper clips long the train is? Write the number in the box.”

- Box 1 (beside circle): **5**
- Box 2 (beside triangle): **8**
- Box 3 (beside square): **12**

WHAT TO ACCEPT

For Circle It, lay trains of 4, 7, and 10 identical paper clips, in order. For Write It, lay trains of 5 clips by the circle, 8 clips by the triangle, and 12 clips by the square. Accept correctly formed or recognizable numerals.