

Ten Group Builders

Students build tens and ones with paper clips, then record the number.

1.NS.2.c "Create a concrete or pictorial representation of a number using tens and ones and write the corresponding numeral up to 120 (e.g., 47 can be represented as 47 ones or it can be grouped into 4 tens with 7 ones left over)."

NAME _____

DATE _____

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

1 BUILD AND WRITE

2 BUILD AND CIRCLE

a	58	85	57
b	69	96	60
c	100	110	101

HOW TO RUN THIS PAGE

Set out paper clips and have students make each group of ten as a separate row, with any single paper clips below the rows. Read each task aloud, let students build the amount, and have them write or circle the numeral that matches their groups of tens and ones.

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

PART 1 • BUILD AND WRITE

SAY “At the top box, can you make 4 groups of 10 paper clips and 6 single paper clips, then write how many paper clips you have? At the middle box, can you make 10 groups of 10 paper clips and 5 single paper clips, then write how many you have? At the bottom box, can you make 12 groups of 10 paper clips and no single paper clips, then write how many you have?”

- Box 1: **46**
- Box 2: **105**
- Box 3: **120**

PART 2 • BUILD AND CIRCLE

SAY “For each row, make the groups with paper clips first. Then listen to the numbers I read and circle the numeral that tells how many paper clips you made.”

ROW	SAY	STUDENTS CIRCLE
a	Can you make 5 groups of 10 paper clips and 8 single paper clips? Listen: 58, 85, 57. Which numeral tells how many? Circle it.	58
b	Can you make 9 groups of 10 paper clips and 6 single paper clips? Listen: 69, 96, 60. Which numeral tells how many? Circle it.	96
c	Can you make 10 groups of 10 paper clips and 1 single paper clip? Listen: 100, 110, 101. Which numeral tells how many? Circle it.	101

WHAT TO ACCEPT

Accept 46, 105, and 120 in the writing boxes. Circle answers are 58, 96, and 101; check that each student made complete groups of ten and the stated number of singles.