

Finger Math Models

Students use fingers, dots, and numerals to show small quantities.

1.MP.4 "Model with mathematics."

NAME _____

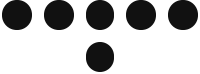
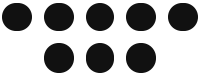
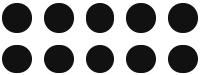
DATE _____

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

1 SHOW AND CIRCLE

a			
b			
c			

2 WRITE THE MODEL

HOW TO RUN THIS PAGE

Read each story aloud and have students use their fingers to act it out before they mark the page. Students model each amount with fingers, connect it to dots, and record quantities with numerals.

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

PART 1 • SHOW AND CIRCLE

SAY “Use your fingers to show each little math story. Then look at the dot groups and circle the group that models how many fingers are up.”

ROW	SAY	STUDENTS CIRCLE
a	Can you hold up 1 finger, then 2 more fingers? Which dot group shows how many fingers are up now? Circle it.	3 dots
b	Can you hold up 2 fingers, then 2 more fingers? Which dot group shows how many fingers are up now? Circle it.	4 dots
c	Can you hold up 5 fingers and put down 1 finger? Which dot group shows how many fingers are still up? Circle it.	4 dots

PART 2 • WRITE THE MODEL

SAY “Touch and count the dots beside each box. What number can you write in each box to model that dot group?”

- Box 1 (beside 6 dots): **6**
- Box 2 (beside 8 dots): **8**
- Box 3 (beside 10 dots): **10**

WHAT TO ACCEPT

Circle 3 dots, 4 dots, and 4 dots, in that order. Accept recognizable numerals 6, 8, and 10 in the boxes.