

Dot Set Builders

Students compare a numeral with dot groups, then draw groups that are more, fewer, or the same.

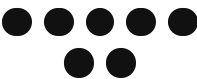
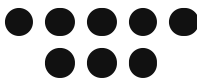
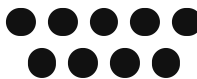
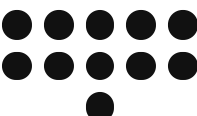
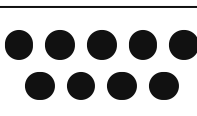
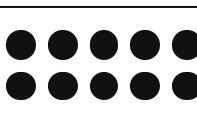
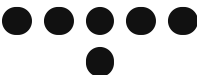
K.NS.2.e "Given a numeral up to 30, construct a set which has more, fewer, or the same number of objects using concrete or pictorial models."

NAME _____

DATE _____

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

1 CIRCLE DOTS

a	8			
b	10			
c	6			

2 DRAW DOTS

6	
9	
7	

HOW TO RUN THIS PAGE

Read each prompt aloud and give students time to count the dots by touching each one. In Part 1, students identify a pictured set that compares to the printed numeral. In Part 2, students construct their own dot sets to show more, fewer, and the same.

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 DOTS

SAY “Each row begins with a number. Count the dots in each group as I read the question, then circle one group.”

ROW	SAY	STUDENTS CIRCLE
a	The first number is 8. Which group has more than 8 dots? Circle the group.	9 dots
b	The first number is 10. Which group has fewer than 10 dots? Circle the group.	9 dots
c	The first number is 6. Which group has the same number of dots as 6? Circle the group.	6 dots

PART 2 • DRAW DOTS

SAY “Beside the first box is 6, can you draw more than 6 dots inside? Beside the next box is 9, can you draw fewer than 9 dots inside? Beside the last box is 7, can you draw exactly 7 dots inside?”

- Box 1 (beside 6): **7 or more dots**
- Box 2 (beside 9): **1 to 8 dots**
- Box 3 (beside 7): **7 dots**

WHAT TO ACCEPT

Part 1 answers are row 1, fourth cell with 9 dots, row 2, third cell with 9 dots, and row 3, second cell with 6 dots. In Part 2, accept any clearly countable group with more than 6 dots, any group from 1 to 8 dots, and exactly 7 dots.