Dot Set Builders

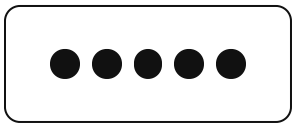
Students draw and choose dot sets with more, fewer, or the same number.

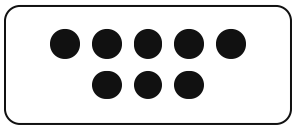
K.NS.2.d "Given a set of up to 30 objects, construct another set which has more, fewer, or the same number of objects using concrete or pictorial models."

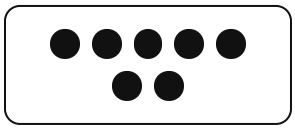
NAME _____ DATE _____

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

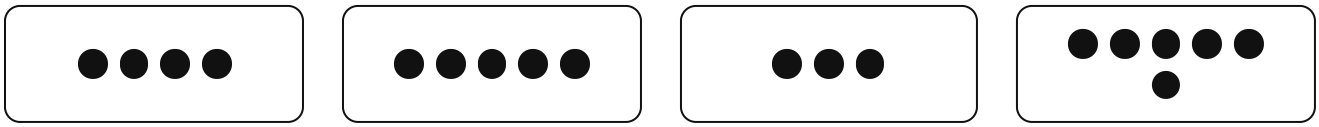
1 DRAW DOTS

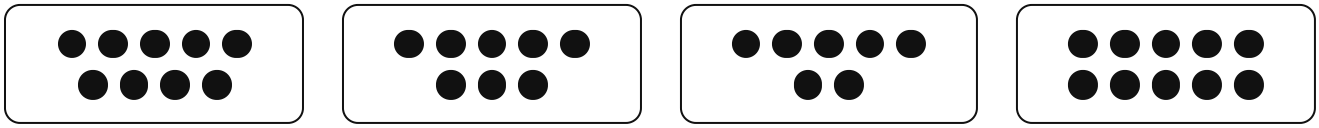






2 CHOOSE A SET

a 

b 

ANSWER KEY

Dot Set Builders

KINDERGARTEN · K.NS.2.d

HOW TO RUN THIS PAGE

Read each part aloud and let students count the dots by touching or pointing. Students compare one set with another set, then draw or choose a set with more, fewer, or the same number of dots.

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

PART 1 · DRAW DOTS

SAY "Look at the dots beside each box. At the first box, can you draw a group with more dots? At the second box, can you draw a group with fewer dots? At the third box, can you draw a group with the same number of dots? For fewer dots, you may choose no dots. Tell me if your empty box means zero, so I know you have finished."

- Box 1 (beside 5 dots): **Draw 6 to 30 dots.**
- Box 2 (beside 8 dots): **Draw 0 to 7 dots. Accept an intentionally empty box when the child indicates zero/no dots.**
- Box 3 (beside 7 dots): **Draw exactly 7 dots.**

PART 2 · CHOOSE A SET

SAY "Each row begins with a group to compare. Can you circle one of the other groups that answers each question?"

ROW	SAY	STUDENTS CIRCLE
a	Look at the first group. Which other group has one more dot than the first group? Circle it.	**5 dots**
b	Look at the first group. Which other group has two fewer dots than the first group? Circle it.	**7 dots**

WHAT TO ACCEPT

For Draw Dots, accept 6 to 30 dots in Box 1, 0 to 7 dots in Box 2 and exactly 7 dots in Box 3. Accept an intentional empty set in Box 2 only when the child says zero/no dots, points to indicate no dots, or the teacher confirms the intended zero response; a blank without confirmation may be unfinished. In Choose a Set, the correct circles remain 5 dots in row 1 and 7 dots in row 2.