

Dot Set Builders

Students draw dot sets to match numerals from 0 to 30.

K.NS.2.b "Construct a set of objects that corresponds to a given numeral within 30, including an empty set."

NAME _____

DATE _____

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

1 MAKE SETS

4

11

18

2 MORE SETS

0

25

30

HOW TO RUN THIS PAGE

Read each part aloud and give students time to touch-count as they draw. Students show the skill by making a set of drawn dots that matches each printed numeral, including leaving a box empty for zero.

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

PART 1 • MAKE SETS

SAY “Look at the numeral beside each box. Can you draw that many dots in each box, touching each dot as you count?”

- Box 1 (beside 4): **4 dots**
- Box 2 (beside 11): **11 dots**
- Box 3 (beside 18): **18 dots**

PART 2 • MORE SETS

SAY “Look carefully at each numeral beside a box. What set of dots can you draw to match each numeral?”

- Box 1 (beside 0): **empty box, 0 dots**
- Box 2 (beside 25): **25 dots**
- Box 3 (beside 30): **30 dots**

WHAT TO ACCEPT

Accept any clearly separate marks as objects when the number of marks matches the numeral. For 0, accept a blank box with no drawn marks.