Pattern Builders

Children copy and extend object patterns, then record what they made.

K.OA.B.13 "Duplicate and extend simple patterns using concrete objects."

NAME _____ DATE _____

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

1 COPY IT

a | 1 | 2 | 3 |

b | 3 | 5 | 4 |

2 KEEP GOING

a | 3 | 4 | 5 |

b | 4 | 5 | 6 |

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HOW TO RUN THIS PAGE

Give each child six pencils and six paper clips. Read each prompt aloud and watch children build the pattern before they circle a number. Check their objects as well as their answers.

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

PART 1 · COPY IT

SAY "Use your pencils and paper clips to make each pattern I say. Make the same pattern again right beside it, then circle your answer."

ROW	SAY	STUDENTS CIRCLE
a	Make a paper clip, a pencil, and a pencil. Make the same pattern again right beside it. How many paper clips are in both patterns together? Circle that number.	**2**
b	Make a pencil, a paper clip, and a paper clip. Make the same pattern again right beside it. How many paper clips are in both patterns together? Circle that number.	**4**

PART 2 · KEEP GOING

SAY "Build each pattern I say. Add the object that comes next, then circle your answer."

ROW	SAY	STUDENTS CIRCLE
a	Make a paper clip, a pencil, a paper clip, and a pencil. Which object comes next? Add it. How many paper clips are there now? Circle that number.	**3**
b	Make a pencil, a pencil, a paper clip, a pencil, a pencil, and a paper clip. Which object comes next? Add it. How many pencils are there now? Circle that number.	**5**

WHAT TO ACCEPT

Answers in order: 2, 4, 3, 5. Accept a circle only when the child also builds the matching copied or extended pattern; record any help given separately.