

Clip Length Detectives

Students estimate, measure, record, order, and describe three paper-strip lengths.

1.MDR.6.1 "Estimate, measure, and record lengths of objects using non-standard units, and compare and order up to three objects using the recorded measurements. Describe the objects compared."

NAME _____

DATE _____

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

1 MEASURE IT _____

A

B

C

2 ORDER IT _____

a

B

C

A

b

C

B

A

c

C

A

B

HOW TO RUN THIS PAGE

Before students begin, make three paper strips labeled A, B, and C that are exactly 3, 5, and 7 paper clips long when the same paper clips are placed end to end. Students first estimate aloud, then measure and record each length before using their recordings to compare all three strips.

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

PART 1 • MEASURE IT

SAY “Look at strips A, B, and C. Before you measure, whisper your guess for how many paper clips long each strip is. Put paper clips end to end with no spaces, then write the number you measure in each matching box.”

- Box 1 (beside A): **3**
- Box 2 (beside B): **5**
- Box 3 (beside C): **7**

PART 2 • ORDER IT

SAY “Use the numbers you wrote for A, B, and C. Point to the shortest, middle, and longest strip, then use their letter names and the words short, longer, and longest to describe them aloud. Answer each question by circling a letter.”

ROW	SAY	STUDENTS CIRCLE
a	Look at B, C, and A. Which letter names the shortest strip?	A
b	Look at C, B, and A. Which letter names the middle-length strip?	B
c	Look at C, A, and B. Which letter names the longest strip?	C

WHAT TO ACCEPT

Accept 3 for A, 5 for B, and 7 for C when students use the prepared strips and the same paper clips. Circle answers are A for shortest, B for middle length, and C for longest; accept an oral description such as, “A is short, B is longer, and C is longest.”