

Cube Length Detectives

Students compare lengths named in same-size cubes, then record cube measurements.

MA.1.M.1 "Compare and measure the length of objects."

NAME _____

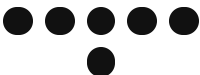
DATE _____

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

1 CIRCLE IT _____

a	4	7	6
b	5	8	6
c	5	7	6

2 COUNT CUBES _____

HOW TO RUN THIS PAGE

Read each situation aloud and have students use the numbers as measurements in same-size cubes. Students show that a greater number of cubes means a longer object, a smaller number means a shorter object, and equal numbers mean equal lengths.

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 IT

SAY “Listen to each pair of lengths. The cubes are the same size. For each row, circle the number that answers the question.”

ROW	SAY	STUDENTS CIRCLE
a	A paper strip measures 4 cubes. Another paper strip measures 7 cubes. Which number tells the longer strip, 4, 7, or 6?	7
b	A string measures 8 cubes. Another string measures 5 cubes. Which number tells the shorter string, 5, 8, or 6?	5
c	Two strips are measured with same-size cubes. One is 6 cubes long. The other is 6 cubes long. Which number tells their length, 5, 7, or 6?	6

PART 2 • COUNT CUBES

SAY “Each dot is one same-size cube used to measure a strip. Count the dots beside each box. What number will you write to tell how many cubes long the strip is?”

- Box 1 (beside 3 dots): **3**
- Box 2 (beside 6 dots): **6**
- Box 3 (beside 9 dots): **9**

WHAT TO ACCEPT

Circle 7, 5, and 6 in Part 1, from top to bottom. Accept correctly written numerals 3, 6, and 9 in Part 2.