Unit Clue Hunt

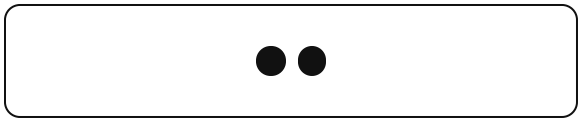
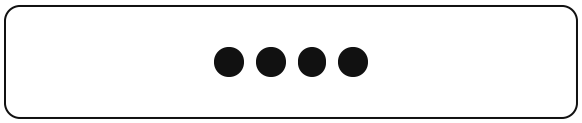
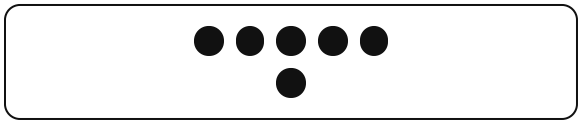
Students measure strips with touching equal units, then use the counts to compare.

CCSS.Math.Content.1.MD.A "Measure lengths indirectly and by iterating length units."

NAME _____ DATE _____

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

1 COUNT UNITS

	• •	6
	• •	2
	• •	4

2 LENGTH CLUES

a	A	B	SAME
b	C	D	SAME
c	E	F	SAME

ANSWER KEY

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HOW TO RUN THIS PAGE

Prepare 6 identical square tiles per child and paper strips whose lengths are 2, 4 and 6 tile-widths. Also label strips A through F with lengths 5, 3, 4, 4, 2 and 6 tile-widths. Use the same tile width for every strip. Read all directions. Children line up tiles from a strip endpoint with whole edges touching, no gaps or overlaps, count and measure each strip before marking. The printed dots record counts only; their spacing does not show length.

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

PART 1 · COUNT UNITS

SAY "First measure the three strips. Start at an end and place equal tiles edge to edge along the length with no gaps or overlaps. Count your tiles. The printed dots record these counts, not a length model. Match each dot count to its number after showing me the matching measured strip."

- **2 dots** matches **2**
- **4 dots** matches **4**
- **6 dots** matches **6**

PART 2 · LENGTH CLUES

SAY "Use the same tiles to measure the named strips before each question. Line tiles up end to end, record or tell me each count, and use the counts to choose the longer strip. SAME means equal lengths."

ROW	SAY	STUDENTS CIRCLE
a	Strip A is 5 equal units long. Strip B is 3 equal units long. Which strip is longer, A, B, or SAME?	**A**
b	Strip C is 4 equal units long. Strip D is 4 equal units long. Which answer shows the longer strip, C, D, or SAME?	**SAME**
c	Strip E is 2 equal units long. Strip F is 6 equal units long. Which strip is longer, E, F, or SAME?	**F**

WHAT TO ACCEPT

Measured strip counts are 2, 4 and 6; match those dot counts to 2, 4 and 6. Length Clues: A (5 versus 3 units), SAME (4 versus 4), F (6 versus 2). Check actual tiles start at the endpoint, touch without gaps or overlaps and finish at the other endpoint. Printed dot matching alone does not complete the measurement. Accept an oral count and explanation with adult recording.