

Every row below is laid end to end with no gaps.
Write how long each strip is. Write the number and the unit.

1



2



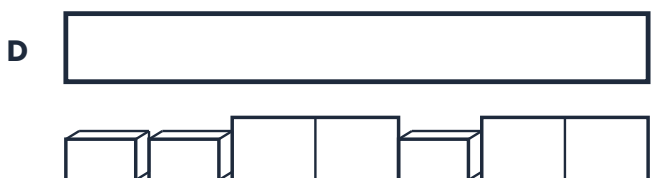
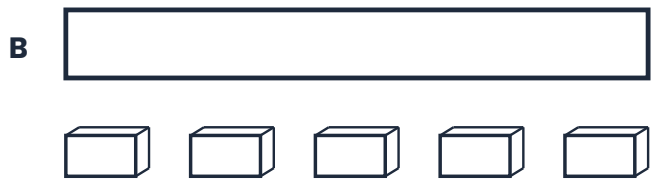
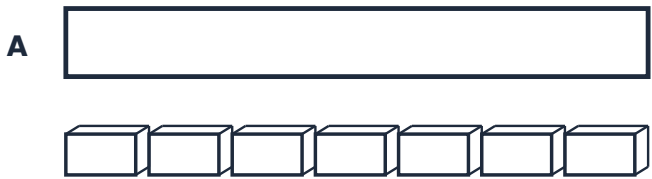
3



4



Four students measured the same strip. Only one of them did it properly.
Look at each row, then answer the questions at the bottom.



Which row has gaps in it?	A	B	C	D
Which row starts in the wrong place?	A	B	C	D
Which row uses two different units?	A	B	C	D
Which row is measured properly?	A	B	C	D

**The same strip was measured twice, once with gaps and once without.
The strip did not change.**

first



second



Write how many clips were counted each time.

first

second

Circle the count that gives the length of the strip.

the first one

the second one

The count with gaps is

too big

too small

right

Put a cross on one part of the first strip that no clip is covering.

**This row was laid with no gaps and it starts at the end of the strip.
The student counted eight and said the strip is eight long.**



Does eight tell us how long the strip is? Circle yes or no.

yes no

Circle the reason.

The units were not all the same size.

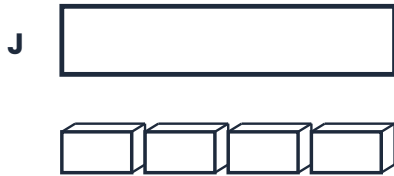
There were gaps between the units.

The row did not start at the end of the strip.

Measure the same strip again with cubes only. Count the cubes and write the length.



Both of these strips were measured and both counts came out at four.



Are the two strips the same length? Circle yes or no.

yes no

Circle the reason.

The units were different sizes, so the two fours are not the same.

Four always means the same length.

One of the counts must be wrong.

Circle the longer strip.

J K

Write the length of each strip with the unit named.
