

Read each one and answer the question underneath it.

- 1** Mia measured a strip with paper clips and left a small space between each clip. She counted five clips.

Circle what you can say about her five.

It is too small, because the spaces were not covered by any clip.

It is too big, because she used too many clips.

It is right, because she counted carefully.

- 2** Sam measured the same strip with the clips touching all the way along. He counted eight clips.

Circle the count that gives the length of the strip.

five clips

eight clips

- 3** Ava laid her cubes so that each one sat partly on top of the cube before it.

Circle what her count will be.

too small

too big

right

Read each one and answer the question underneath it.

- 1** Ella laid her cubes with no gaps and no overlaps, but she started the first cube a whole cube in from the end of the strip. She counted six.

Is six the length of the strip? Circle yes or no.

yes no

Circle what Ella has to do.

Move the whole row back so the first cube starts at the end of the strip.

Add one more cube to the end of the row.

Count the cubes again more slowly.

- 2** Noah measured his desk and wrote down nine.

Circle what is missing from his answer.

the name of the unit he used

the day he measured it

how wide the desk is

Write what Noah should have written down.

Read each one and answer the question underneath it.

- 1** Ruby measured a strip using cubes along the first half and larger blocks along the rest. She counted eight.

Does eight tell us the length of the strip? Circle yes or no.

yes no

Circle the reason.

The units were not all the same size.

Eight is too small a number for a strip.

She should have started with the blocks.

- 2** Jack measured one strip with cubes and got four. Tess measured a different strip with large blocks and got four.

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

yes no

Circle the longer strip.

the one measured in cubes

the one measured in blocks

Read each one and answer the question underneath it.

- 1** Tess says a measurement is finished when the units are all touching.

Is that enough? Circle yes or no.

yes

no

Write two more things that have to be true before a count is a length.

- 2** Leo measured the same bookshelf twice with the same cubes and got eleven the first time and nine the second time.

Circle what most likely went wrong the second time.

He left gaps between some of the cubes.

The bookshelf got shorter.

He used too many cubes.

Write what Leo should do to check.
