LESSON MAKER PRO

Measure It Twice

One object, two unit sizes

GRADE 2 · MT.2.MD.2

MT.2.MD.2 "Understand the relationship between unit sizes and number of units by measuring a single object using two different units of common measurement."

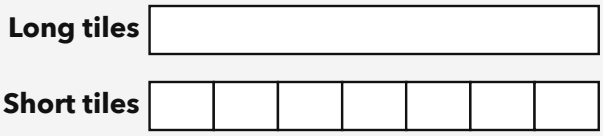
NAME _____ DATE _____

THE BIG IDEA

You can measure the same object with large units or small units. When a large unit covers more space, you need fewer of them.

WORKED EXAMPLE

A ribbon is as long as 1 long tile. The picture shows that the same ribbon is as long as several short tiles. How many short tiles long is it?

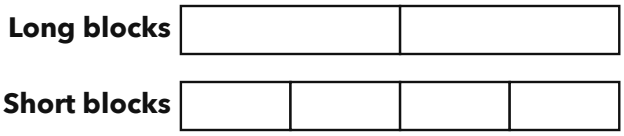


1. Look at the rows for the same ribbon.
2. Count the short tiles: 7.

Answer: 7 short tiles

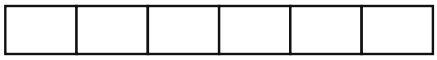
PRACTICE 5 problems

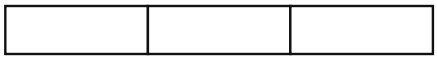
1 A toy train is 2 long blocks long. How many short blocks long is it? Use the picture.



ANSWER _____

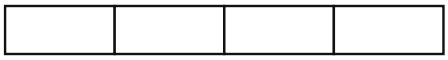
2 A sticker strip is 6 small squares long. How many large squares long is it? Use the picture.

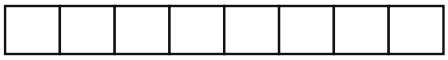
Small squares 

Large squares 

ANSWER _____

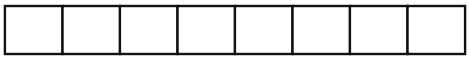
3 A paper crown is 4 wide beads long. How many narrow beads long is it? Use the picture.

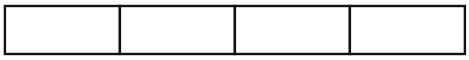
Wide beads 

Narrow beads 

ANSWER _____

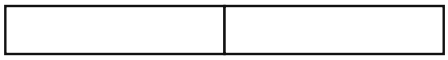
4 A snack box is 8 tiny cubes long. How many big cubes long is it? Use the picture.

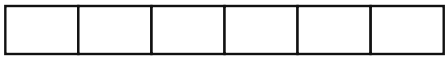
Tiny cubes 

Big cubes 

ANSWER _____

5 A toy boat is 2 long sticks long. How many short sticks long is it? Use the picture.

Long sticks 

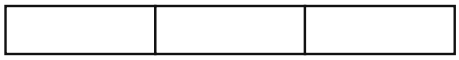
Short sticks 

ANSWER _____

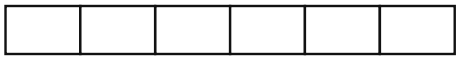
APPLY IT Show your work

1 Maya measures her bookmark with 3 large paper clips. The picture shows the same bookmark measured with small paper clips. How many small paper clips long is it?

Large clips



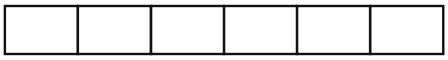
Small clips



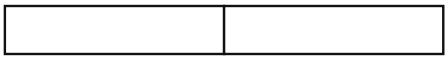
ANSWER _____

2 Leo measures a toy car with 6 short blocks. He uses long blocks to measure the same car. How many long blocks long is it? Use the picture.

Short blocks



Long blocks

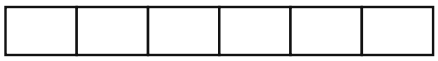


ANSWER _____

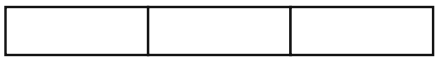
CHALLENGE One step up

Three friends measure the same pet bed using small, medium, and big blocks. How many blocks does each friend use? Explain why the numbers are different.

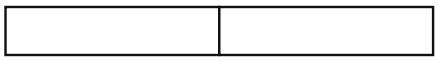
Small blocks



Medium blocks



Big blocks



WORK SPACE AND ANSWER

ANSWER KEY

Measure It Twice

GRADE 2 · MT.2.MD.2

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	A toy train is 2 long blocks long. How many short blocks long is it? Use the picture.	**4 short blocks**
2	A sticker strip is 6 small squares long. How many large squares long is it? Use the picture.	**3 large squares**
3	A paper crown is 4 wide beads long. How many narrow beads long is it? Use the picture.	**8 narrow beads**
4	A snack box is 8 tiny cubes long. How many big cubes long is it? Use the picture.	**4 big cubes**
5	A toy boat is 2 long sticks long. How many short sticks long is it? Use the picture.	**6 short sticks**

PART 2 · APPLY IT

1. **6 small paper clips** Each large clip covers the length of 2 small clips. Three large clips cover the length of 6 small clips.
2. **2 long blocks** Each long block covers the length of 3 short blocks. Six short blocks cover the length of 2 long blocks.

CHALLENGE

6 small blocks, 3 medium blocks, and 2 big blocks. Bigger blocks cover more of the bed, so fewer are needed.

Accept answers that give the correct count and unit. For the challenge, accept any explanation that connects larger blocks with fewer blocks needed for the same length.