

Ruler Ready

Use a ruler to measure length.

GRADE 2 • 2.MG.1.a.i

2.MG.1.a.i "Explain the purpose of various measurement tools and how to use them appropriately by: identifying a ruler as an instrument to measure length;"

NAME _____

DATE _____

MEASURE LENGTH

A ruler measures how long something is. Put one end of the object at the 0 mark. Read the number at the other end.

WORKED EXAMPLE

A ribbon starts at 0 cm on a ruler and ends at 9 cm. How long is the ribbon?

1. Put one end of the ribbon at the 0 mark.
2. Find the ruler mark at the other end.
3. Read 9 cm.

Answer: 9 cm

PRACTICE 5 problems

- 1** Kai wants to measure the length of a crayon. Which tool should Kai use: a ruler, a cup, or a scale?

ANSWER _____

- 2** A sticker strip starts at 0 cm on a ruler and ends at 6 cm. How long is the strip?

ANSWER _____

- 3** A toy block starts at 0 cm and ends at 3 cm on a ruler. What is its length?

ANSWER _____

- 4** A toy train is 7 cm long. A doll shoe is 4 cm long. Which toy is longer?

ANSWER _____

- 5** Nora puts one end of a paper clip at 0 cm. The other end is at 8 cm. How long is the paper clip?

ANSWER _____

APPLY IT Show your work

- 1** At a game club, Leo wants to put a 5 cm game piece into a 6 cm space in a box. Will the game piece fit?

WORK SPACE

ANSWER _____

- 2** Maya measures a small pet tag with a ruler. The tag starts at 0 cm and ends at 2 cm. How long is the tag?

WORK SPACE

ANSWER _____

CHALLENGE One step up

CHALLENGE

A bead starts at the 2 cm mark on a ruler and ends at the 6 cm mark. How long is the bead? Explain how you know.

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	Kai wants to measure the length of a crayon. Which tool should Kai use: a ruler, a cup, or a scale?	a ruler
2	A sticker strip starts at 0 cm on a ruler and ends at 6 cm. How long is the strip?	6 cm
3	A toy block starts at 0 cm and ends at 3 cm on a ruler. What is its length?	3 cm
4	A toy train is 7 cm long. A doll shoe is 4 cm long. Which toy is longer?	the toy train
5	Nora puts one end of a paper clip at 0 cm. The other end is at 8 cm. How long is the paper clip?	8 cm

PART 2 • APPLY IT

1. **Yes, it will fit.** Compare the lengths. The game piece is 5 cm long, and the space is 6 cm long.
2. **2 cm** Start at the 0 mark and read the number at the other end. The tag is 2 cm long.

CHALLENGE

4 cm. Count from 2 cm to 6 cm, or subtract 2 from 6.

Accept “ruler” for the tool answer and “cm” or “centimeters” for length answers. For the challenge, accept an explanation that finds the distance from 2 cm to 6 cm as 4 cm.