LESSON MAKER PRO

Measure It Right

Read the mark where the object ends.

GRADE 2 · TEKS 2.9.D

2.9.D "determine the length of an object to the nearest marked unit using rulers, yardsticks, meter sticks, or measuring tapes;"

NAME _____ DATE _____

READ THE RULER

Line up one end of an object with the 0 mark, not necessarily the edge of the ruler. Read the marked unit nearest the other end. If the end lies between marks, choose the closer mark. Include the unit with your measurement.

WORKED EXAMPLE

A marker starts at 0 centimeters on a ruler. It ends at the 8-centimeter mark. How long is the marker?

1. Start at 0 centimeters.
2. Find the mark where the marker ends.
3. Read 8 centimeters.

Answer: 8 centimeters

PRACTICE 4 problems

1 A toy train starts at 0 inches on a ruler. It ends at the 3-inch mark. How long is the train?

ANSWER _____

2 A leaf starts at 0 centimeters on a ruler. It ends at the 11-centimeter mark. How long is the leaf?

ANSWER _____

3 A jump rope starts at 0 feet on a yardstick. It ends at the 2-foot mark. How long is the jump rope?

ANSWER _____

4 A snack bag starts at 0 inches on a measuring tape. It ends at the 5-inch mark. How long is the bag?

ANSWER _____

APPLY IT Show your work

1 Mia measures her stuffed dog. It starts at 0 inches and ends at the 9-inch mark. How long is the stuffed dog?

WORK SPACE

ANSWER _____

2 A class plant is lined up at 0 centimeters. Its top reaches the 14-centimeter mark. How tall is the plant?

WORK SPACE

ANSWER _____

3 Your teacher supplies a centimeter ruler with whole-centimeter marks and a real classroom object shorter than the ruler. Place one end of the object at the 0 mark. Read the whole-centimeter mark nearest its other end. Write the object name, measured length and unit. Show your teacher the alignment and explain which mark is closest.

WORK SPACE

ANSWER _____

CHALLENGE One step up

A measuring tape is under a book. The left edge is at the 4-inch mark. The right edge is at the 10-inch mark. How long is the book?

WORK SPACE AND ANSWER

ANSWER KEY # Measure It Right

GRADE 2 · TEKS 2.9.D

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	A toy train starts at 0 inches on a ruler. It ends at the 3-inch mark. How long is the train?	**3 inches**
2	A leaf starts at 0 centimeters on a ruler. It ends at the 11-centimeter mark. How long is the leaf?	**11 centimeters**
3	A jump rope starts at 0 feet on a yardstick. It ends at the 2-foot mark. How long is the jump rope?	**2 feet**
4	A snack bag starts at 0 inches on a measuring tape. It ends at the 5-inch mark. How long is the bag?	**5 inches**

PART 2 · APPLY IT

1. **9 inches** Read the mark at the end of the stuffed dog.
2. **14 centimeters** Read the mark at the top of the plant.
3. **Answers vary: the length to the nearest whole-centimeter mark, with the actual object name and cm or centimeters.** Provide the actual ruler and suitable object; avoid an endpoint exactly halfway between marks in this introductory task. Observe zero-mark alignment and have the child point to the nearest end mark. Verify the reported value on the same tool. For example, an object ending at about 7.2 cm is reported as 7 cm; this is an example, not a supplied answer for the learner's object.

CHALLENGE

6 inches

Accept correct unit abbreviations, such as cm, in., and ft. For the challenge, accept 10 - 4 = 6 as correct reasoning. Apply 3 requires actual measuring-tool use and an observed reading; accept varied lengths only when they match the real object and nearest marked unit.