

Length Lookout

Choose units and tools for measuring.

GRADE 2 • MA.2.M.1.1

MA.2.M.1.1 "Estimate and measure the length of an object to the nearest inch, foot, yard, centimeter or meter by selecting and using an appropriate tool."

NAME _____

DATE _____

PICK A GOOD UNIT

Estimate first by thinking about how big the object is. Use a ruler for inches or centimeters, a yardstick for yards, and a tape measure for longer lengths in feet or meters.

WORKED EXAMPLE

A toy train looks about 20 centimeters long. A ruler shows 18 centimeters. What is its length?

1. Estimate: about 20 centimeters.
2. Use a ruler.
3. Read 18 centimeters.

Answer: 18 centimeters

PRACTICE 4 problems

- 1** A toy car is about 5 inches or 5 feet long. Choose the better estimate and tool.

ANSWER _____

- 2** A pet gate is about 3 feet or 3 centimeters tall. Choose the better estimate and tool.

ANSWER _____

- 3** A picnic blanket is about 2 yards or 2 inches long. Choose the better estimate and tool.

ANSWER _____

- 4** A classroom door is about 2 meters or 2 centimeters tall. Choose the better estimate and tool.

ANSWER _____

APPLY IT Show your work

- 1** Maya estimates that her bead bracelet is 20 centimeters long. Her ruler shows 22 centimeters. What is the bracelet's length to the nearest centimeter?

WORK SPACE

ANSWER _____

- 2** A rabbit hutch looks about 4 feet long. A tape measure shows 5 feet. What is the hutch's length to the nearest foot?

WORK SPACE

ANSWER _____

CHALLENGE One step up

CHALLENGE

A doll is short, and a playground slide is long. Choose a unit and tool for each. Explain why.

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	A toy car is about 5 inches or 5 feet long. Choose the better estimate and tool.	5 inches; ruler
2	A pet gate is about 3 feet or 3 centimeters tall. Choose the better estimate and tool.	3 feet; tape measure
3	A picnic blanket is about 2 yards or 2 inches long. Choose the better estimate and tool.	2 yards; yardstick
4	A classroom door is about 2 meters or 2 centimeters tall. Choose the better estimate and tool.	2 meters; tape measure

PART 2 • APPLY IT

1. **22 centimeters** Read the ruler measurement. The bracelet is 22 centimeters long.
2. **5 feet** Read the tape measure. The hutch is 5 feet long.

CHALLENGE

Doll: inches and a ruler. Slide: meters and a tape measure. A doll is short, but a slide is long.

Accept unit abbreviations such as in., ft, yd, cm, and m. Accept equivalent tool names when appropriate, such as a measuring tape for tape measure.