

Grade 2 - Measuring Length - Test

Common Core 2.MD.A.1, 2.MD.A.2, 2.MD.A.3, 2.MD.A.4, 2.MD.B.5, 2.MD.B.6 · maths-pdf.fr/en/

Name: _____ Class: _____ Date: ____/____/____

This **length test** for 2nd Grade covers measuring length (Common Core 2.MD.A.1, 2.MD.A.2, 2.MD.A.3, 2.MD.A.4, 2.MD.B.5, 2.MD.B.6), with a free PDF to print.

This test has 9 questions worth 20 points. It covers reading rulers, choosing tools and units, comparing lengths, and solving length problems within 100. Students need about 45 minutes and a pencil.

Time and points

About this test

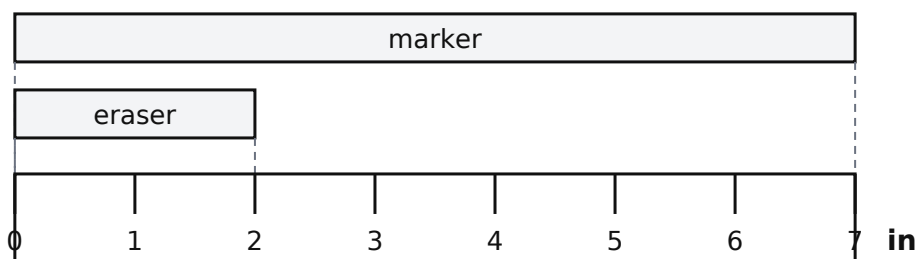
- Grade: Grade 2
- Chapter: Measuring Length
- Standards: 2.MD.A.1, 2.MD.A.2, 2.MD.A.3, 2.MD.A.4, 2.MD.B.5, 2.MD.B.6
- Time: 45 minutes
- Total: 20 points

Length test: questions

Question 1 - Units and tools [2 pts]

- Choose the better unit for the height of a flagpole: inches or feet. (1 point)
- Choose the better tool for the length of an eraser: a ruler or a yardstick. (1 point)

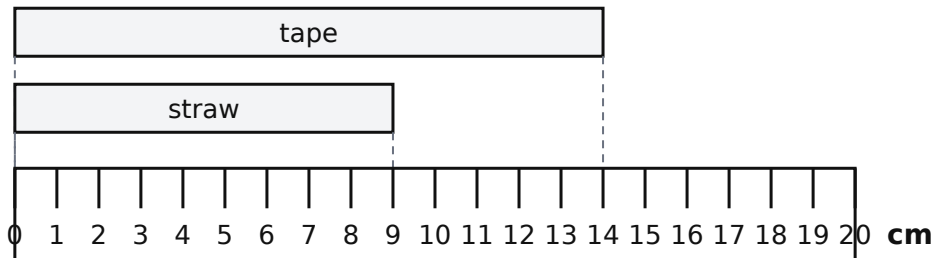
Question 2 - Read the ruler [2 pts]



A marker and an eraser.

- a. Find the length of the marker. (1 point)
- b. Find the length of the eraser. (1 point)

Question 3 - Compare on a ruler [2 pts]



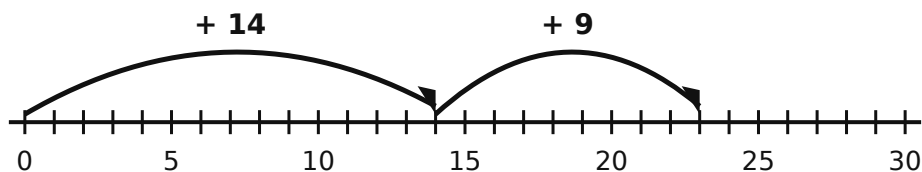
A tape and a straw.

- a. Name the longer object. (1 point)
- b. Find how much longer it is. (1 point)

Question 4 - Estimate and unit size [2 pts]

- a. A paper clip is about 3 cm long. A line is as long as 5 paper clips. Estimate the length of the line. (1 point)
- b. Ana measures the same table with a yardstick and with a foot ruler. Which tool gives the larger number? Explain. (1 point)

Question 5 - Snail on a number line [3 pts]



A snail crawls along a board.

A snail crawls along a board in the two jumps shown. The board is 30 inches long.

- a. Find the total distance the snail crawled. (1 point)
- b. Write an addition equation for the two jumps. (1 point)
- c. Find how many more inches the snail must crawl to reach the end of the board. (1 point)

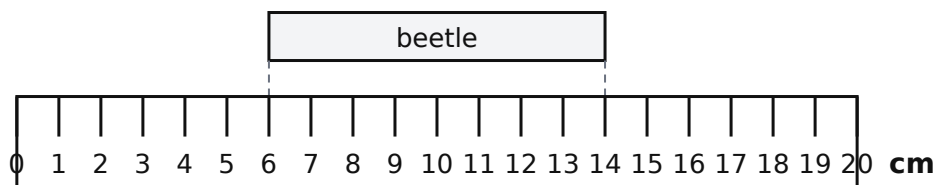
Question 6 - Trail parts [2 pts]

A trail has three parts. The parts are 26 meters, 31 meters, and 18 meters long. Find the total length of the trail.

Question 7 - Tree and fence [2 pts]

A tree is 63 feet tall. A fence is 25 feet tall. How much taller is the tree than the fence?

Question 8 - Where it starts [2 pts]



A beetle toy on a ruler.

Find the length of the beetle toy.

Question 9 - Ribbon problem [3 pts]

Mei has a ribbon that is 52 cm long. Jamal has a ribbon that is 37 cm long. Sofia has a ribbon that is 18 cm shorter than Jamal's.

- How much longer is Mei's ribbon than Jamal's? (1 point)
- Find the length of Sofia's ribbon. (1 point)
- Find the total length of Jamal's and Sofia's ribbons. (1 point)

Key facts behind this length test

Key facts

- Start at the 0 mark, keep the object straight, and read the number at the other end.
- A smaller unit gives a larger number: the same strip is 2 feet or 24 inches.
- Always write the unit, such as 5 in, 12 cm, or 21 ft.
- Subtract two lengths to find how much longer one object is.
- On a number line diagram, a jump right adds and a jump left subtracts.

How to use this length test

Time yourself: the test is designed for an average student in 45 minutes. Answer the questions you are sure of first, then come back to the longer ones and check your units.