

Grade 2 · Measuring Length · Worksheet

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 · mathovore.fr

Name: _____ Date: ____/____/____ Score: _____

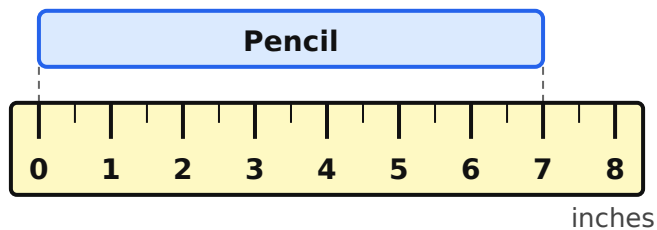
Measure, compare, and solve! These 22 problems practice measuring length (2.MD.A.1 to 2.MD.B.6) with rulers, yardsticks, and meter sticks. Read each ruler carefully and always write the unit in your answer.

The first problems are short and use pictures. The last six are word problems. Draw number line jumps or write an equation with a ? if it helps.

Grade 2 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

Problem 1: Read the inch ruler

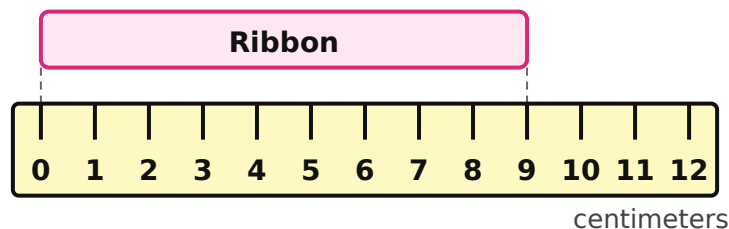
Find the length of the pencil in inches.



A pencil above an inch ruler.

Problem 2: Read the centimeter ruler

Find the length of the ribbon in centimeters.



A ribbon above a centimeter ruler.

Problem 3: Pick the tool

Write *inch ruler*, *yardstick*, or *measuring tape* for the best tool to measure each one.

- a. a crayon
- b. a bookshelf that is about 3 feet wide
- c. the playground

Problem 4: Choose the unit

Write *inches* or *feet* for the better unit to measure each one.

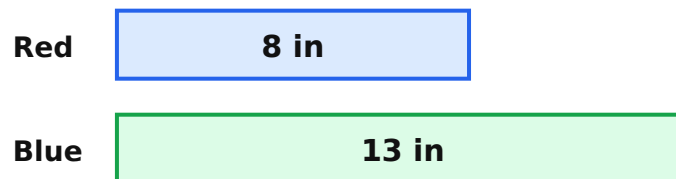
- a. a stamp
- b. a car
- c. a paper clip

Problem 5: Measure twice

Mei measures one book two ways. The book is 10 inches long. It is about 25 centimeters long. Explain why the number of centimeters is bigger.

Problem 6: How much longer

Compare the two ribbons. Which ribbon is longer, and how many inches longer is it?



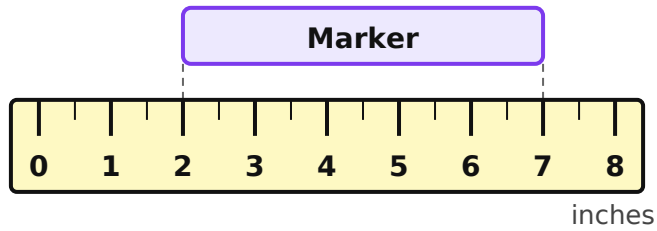
Two ribbons drawn as bars.

Problem 7: Estimate with paper clips

A paper clip is about 1 inch long. A pencil is as long as 7 paper clips in a row. Estimate the length of the pencil in inches.

Problem 8: Start at 2

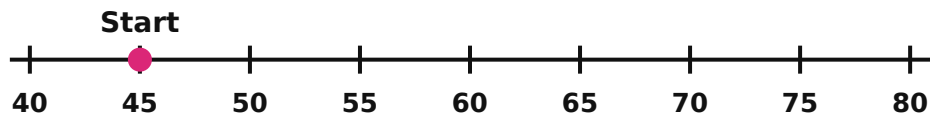
The marker does not start at 0. How long is the marker in inches?



A marker that starts at 2 on the ruler.

Problem 9: Add on a number line

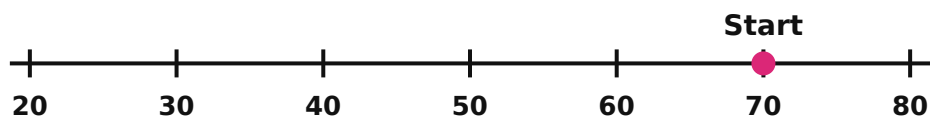
Diego has a rope 45 feet long. He adds 30 feet more. Use the number line to find the new length.



Start at 45 and jump to the right.

Problem 10: Subtract on a number line

A string is 70 inches long. Priya cuts off 40 inches. Use the number line to find how long the string is now.



Start at 70 and jump to the left.

Problem 11: Write an equation

A fence is 45 feet long. Aisha paints 20 feet of it. Write an equation with a ? for the feet left to paint. Then solve.

Problem 12: Order the lengths

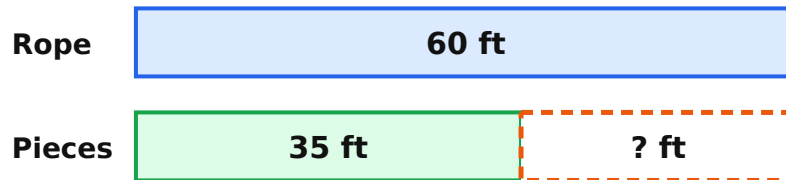
Four crayons are 25 cm, 18 cm, 31 cm, and 22 cm long. Write the lengths from shortest to longest.

Problem 13: Is it reasonable

Diego says a new pencil is 70 inches long. Is that reasonable? Explain.

Problem 14: Find the missing part

A rope is 60 feet long. It is cut into two pieces. One piece is 35 feet long. How long is the other piece?



The whole rope is 60 feet. One piece is 35 feet.

Problem 15: Three jumps

Aisha hops 20 feet, then 30 feet, then 15 feet. How many feet does she hop in all?

Problem 16: Hallway and gym

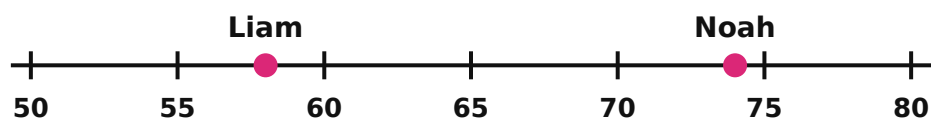
The hallway is 48 meters long. The gym is 35 meters long. How much longer is the hallway?

Problem 17: Garden rows

Sofia plants two rows of corn. The first row is 36 feet long. The second row is 29 feet long. How many feet of corn rows are there in all?

Problem 18: Race on the track

Liam runs 58 meters. Noah runs 74 meters. How much farther does Noah run?



Liam and Noah on a number line.

Problem 19: Gift ribbon

Maya has 90 cm of ribbon. She cuts 45 cm for a gift. Then she cuts 30 cm for a bow. How many centimeters of ribbon are left?

Problem 20: Feet and inches

Ethan measures a shelf. He says it is 2 feet long. Ana measures the same shelf and says it is 24 inches long. Can both be right? Explain.

Problem 21: Two ribbons

Mei has a ribbon that is 47 inches long. Noah has a ribbon that is 28 inches long.

- a. How many inches long are the ribbons together?
- b. How many inches longer is Mei's ribbon?

Problem 22: Train track

A toy train track is 48 inches long. Jamal adds 27 inches. Then he takes away 15 inches. How long is the track now?