

Grade 2 - Measuring Length - Test Answer Key

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/

This **length test answers** 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 answer key gives every solution and a scoring guide. Give full credit when the answer is correct and includes the unit. Give partial credit when the method is right but a small arithmetic slip appears.

Grade 2 · Common Core State 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**

Length test answers: worked solutions

Question 1 - Units and tools [2 pts]

- a. A flagpole is very tall, so **feet**.
- b. An eraser is short, so **a ruler**.

Scoring: 1 point for each correct choice.

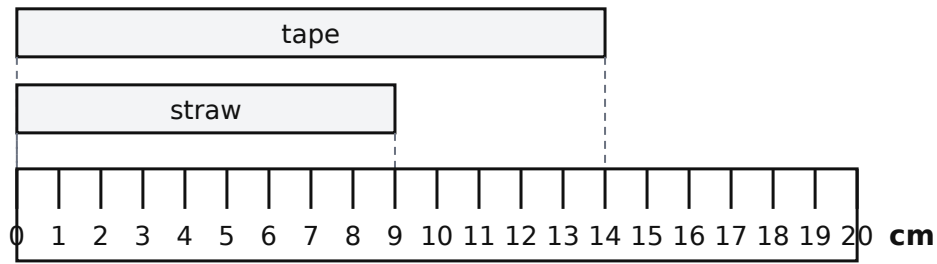
Question 2 - Read the ruler [2 pts]

- a. The marker goes from 0 to 7: **7 inches**.
- b. The eraser goes from 0 to 2: **2 inches**.

Scoring: 1 point for each length with the unit.

Question 3 - Compare on a ruler [2 pts]

- a. The tape is 14 cm and the straw is 9 cm. **The tape** is longer.
- b. $14 - 9 = 5$. **5 centimeters**.



$$14 - 9 = 5 \text{ cm longer.}$$

Scoring: 1 point for naming the tape, 1 point for 5 cm with the unit.

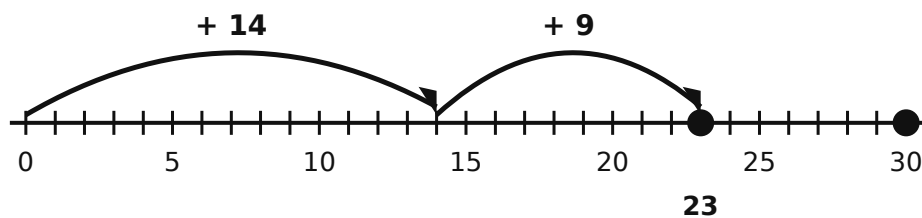
Question 4 - Estimate and unit size [2 pts]

- a. $3+3+3+3+3=15$. **About 15 cm.**
- b. A foot is shorter than a yard, so more feet are needed. **The foot ruler.**

Scoring: 1 point for 15 cm (accept 14 to 16), 1 point for the foot ruler with a reason.

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

- a. $14+9=23$. **23 inches.**
- b. $14+9=23$
- c. $30-23=7$. **7 inches.**



The snail is at 23. It needs 7 more to reach 30.

Scoring: 1 point for each part.

Question 6 - Trail parts [2 pts]

$26+31=57$, then $57+18=75$. **75 meters.**

Scoring: 1 point for a correct first sum, 1 point for the final answer with the unit.

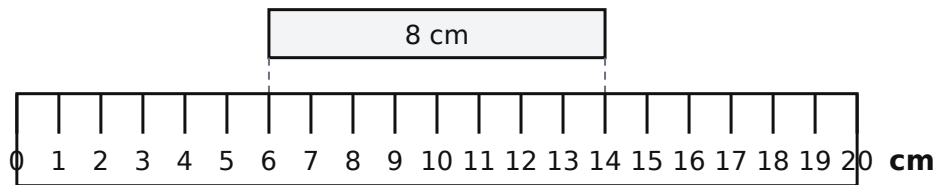
Question 7 - Tree and fence [2 pts]

$63 - 25 = 38$. **38 feet.**

Scoring: 1 point for subtracting, 1 point for the correct answer with the unit.

Question 8 - Where it starts [2 pts]

It starts at 6 and ends at 14. $14 - 6 = 8$. **8 centimeters.**



From 6 to 14 is 8 spaces.

Scoring: 1 point for using both ends, 1 point for 8 cm.

Question 9 - Ribbon problem [3 pts]

- a. $52 - 37 = 15$. **15 cm.**
- b. $37 - 18 = 19$. **19 cm.**
- c. $37 + 19 = 56$. **56 cm.**

Scoring: 1 point for each part, answer with unit.

Total score

Total

20 points

Key facts behind this length test answers
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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 answers

Score your test with the point values shown for each question. Then read the worked solution of every question where you lost points and note the method to review.