



GRADE 2 / WATCH MR DJ SOLVE

LENGTH WORD PROBLEMS

Start with the same example used in the lesson slides.

**WATCH MR DJ SOLVE****Join 24 cm of ribbon to 13 cm. Find the total length.**

- 1 $24 + 13 = 37$.
- 2 Both parts use cm.
- 3 Write the total with its unit.

Answer: **37 cm****REMEMBER** solve length stories within 100 using equal units and missing-number equations.

Read each step and explain why it is valid. The next pages demonstrate the methods in more detail. Then use the large work areas on the numbered practice pages.



GRADE 2 / WORKED METHODS

LENGTH WORD PROBLEMS

Read a complete example before trying the matching method.

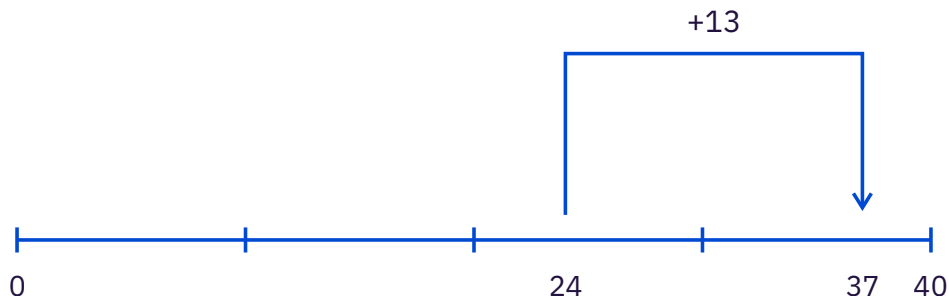


Use these examples as a reference. Keep each quantity and its unit visible. A different valid method is welcome unless a question specifically requests one.

Join two lengths

$$24 \text{ cm} + 13 \text{ cm} = 37 \text{ cm}$$

1. The units are both cm.
2. Add the two parts.
3. The total is 37 cm.



$$24 + 13 = 37$$



GRADE 2 / WORKED METHODS

LENGTH WORD PROBLEMS

Read a complete example before trying the matching method.

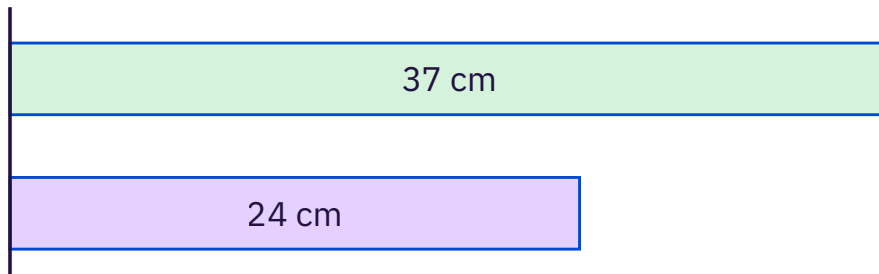


Use these examples as a reference. Keep each quantity and its unit visible. A different valid method is welcome unless a question specifically requests one.

Find a missing part

$37 \text{ cm} - 24 \text{ cm} = 13 \text{ cm}$

1. 37 cm is the whole.
2. 24 cm is the known part.
3. The gap is 13 cm.



Extra length: $37 - 24 = 13 \text{ cm}$



GRADE 2 / MATHEMATICAL WORK TOOL

LENGTH WORD PROBLEMS

Draw, label and explain.



Make equal intervals and label zero and the unit. For number lines, keep one scale. This page is not a calibrated ruler: use a real ruler for measuring objects.





GRADE 2 / PRACTICE

LENGTH WORD PROBLEMS

Show the method, label your work, and explain the reasoning requested.



Use the worked-method reference when helpful. Use the included method reference. Show the requested method, then check your answer. Reasoning questions need evidence and an explanation.

◀ Mild

1. A 37-cm ribbon loses 13 cm. How much stays?

Grid area for problem 1 solution.

My answer / conclusion: _____

◀ Mild

2. A stick is 24 cm. Another is 13 cm longer. Find its length.

Grid area for problem 2 solution.

My answer / conclusion: _____



Date _____

LENGTH WORD PROBLEMS

A cartoon fox mascot with orange fur, large eyes, and a purple scarf, holding a yellow pencil.

Medium 3. A path is 37 meters long. You walk 24 meters. How far remains?

My answer / conclusion: _____



GRADE 2 / PRACTICE

LENGTH WORD PROBLEMS

Show the method, label your work, and explain the reasoning requested.



Use the worked-method reference when helpful. Use the included method reference. Show the requested method, then check your answer. Reasoning questions need evidence and an explanation.

← Medium

4. Join 24 cm and 13 cm. Then cut off 8 cm. How much remains?

My answer / conclusion: _____



Date _____

LENGTH WORD PROBLEMS

A cartoon fox mascot with orange fur, large eyes, and a purple scarf, holding a yellow pencil.

◀ Medium 5. A strip is 13 inches. Add some to make 37 inches. Write $\square$ for the missing length.

My answer / conclusion: _____



GRADE 2 / PRACTICE

LENGTH WORD PROBLEMS

Show the method, label your work, and explain the reasoning requested.



Use the worked-method reference when helpful. Use the included method reference. Show the requested method, then check your answer. Reasoning questions need evidence and an explanation.

🔥🔥🔥 Spicy

6. Digit says a 24-cm strip plus a 13-cm strip is 37 square cm. Explain the unit.

My answer / conclusion: _____



GRADE 2 / PRACTICE

LENGTH WORD PROBLEMS

Show the method, label your work, and explain the reasoning requested.



Use the worked-method reference when helpful. Use the included method reference. Show the requested method, then check your answer. Reasoning questions need evidence and an explanation.

🔥🔥🔥 Spicy

7. Write an adding story and a taking-away story using 24, 13 and 37 centimeters.

My answer / conclusion: _____

GRADE 2 / PRACTICE

LENGTH WORD PROBLEMS

Show the method, label your work, and explain the reasoning requested.



Use the worked-method reference when helpful. Use the included method reference. Show the requested method, then check your answer. Reasoning questions need evidence and an explanation.

🌶️🌶️🌶️🌶️ **Extra Spicy**

8. Two children solve $37 - 24$. One subtracts; one counts on. Show why both work.

My answer / conclusion: _____