

## Length word problems (metric)

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### Grade 2 Word Problems Worksheet

1. Hannah has two rulers. The long one is 26 cm long and the short one is 18 cm long. What is the longest line she can draw if she makes use of both rulers?
  
  
  
  
  
  
  
  
  
  
2. Nick bought a new pair of scissors which is 22 cm long. His pencil box is 19 cm long. Can he fit the pair of scissors in his pencil box?
  
  
  
  
  
  
  
  
  
  
3. Ben's math textbook is 23 cm wide, and his math notebook is 15 cm wide. If he puts them side by side, what is the total width of the two books?



4. William's old school bag is 46 cm wide. He finds this school bag too small, and he buys a new schoolbag that is 8 cm wider. What is the width of his new schoolbag?
  
  
  
  
  
  
  
  
  
  
5. In the drawer, there is a crayon and a pencil. The crayon is 25 cm long and the pencil is 17 cm long. How much longer is the crayon?
  
  
  
  
  
  
  
  
  
  
6. Mr. Smith has a roll of tape that was 81 cm long. After his students used some tape for an art project, there was 23 cm of tape left. How much tape did his students use?

## Answers

- $26 + 18 = 44$   
The longest line she can draw is 44 cm.
- $22 \text{ cm} > 19 \text{ cm}$   
The pair of scissors cannot fit in his pencil box.
- $23 + 15 = 38$   
The total width of the two books is 38 cm.
- $46 + 8 = 54$   
The width of his new schoolbag is 54 cm.
- $25 - 17 = 8$   
The crayon is 8 cm longer than the pencil.
- $81 - 23 = 58$   
His student used 58 cm of tape.