

Name: _____

Date: _____

31 points

Module 2 Lessons 8-10

Find the missing length to make 1 meter. (1 point each)

1. $30 \text{ cm} + \underline{\hspace{2cm}} = 100 \text{ cm}$

2. $25 \text{ cm} + \underline{\hspace{2cm}} = 100 \text{ cm}$

3. $43 \text{ cm} + \underline{\hspace{2cm}} = 100 \text{ cm}$

4. Each of the parts of the path below is 5 length units. What is the total length of the path? _____ length units. (2 points)



How many lines would you need to add for the line to be 30 length units? _____
lines (2 points)

5. The length of a box is 56 cm. The width of the box is 38 cm. How many more centimeters is the length than the width? Show your work and fill in the circle next to the correct answer. (3 points)



94 cm.



18 cm.



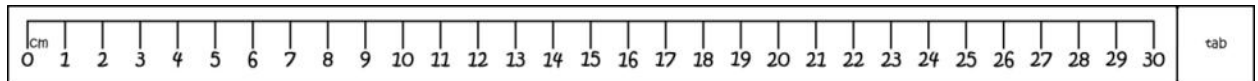
28 cm.



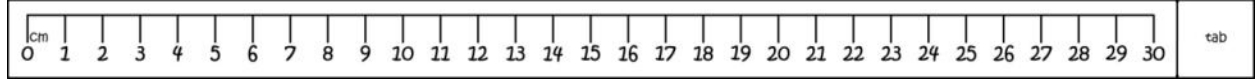
7 cm.

6. Use the centimeter ruler to answer the following questions.

A. _____



B. _____



Line A is _____ cm long. (1 point)

Line B is _____ cm long. (1 point)

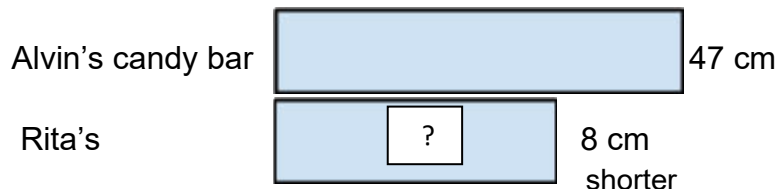
Together, Lines A and B measure _____ cm. (2 points)

Line B is _____ cm (longer/shorter) than Line A. (2 points)

Solve each word problem below. Show your work. (4 points)

7. Alvin has a candy bar that is 47 cm long. Rita's candy bar is 8 cm shorter than Alvin's candy bar.

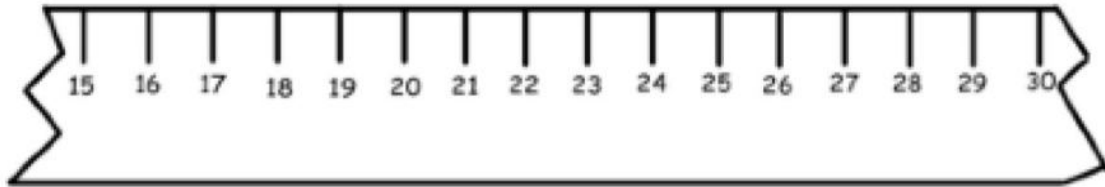
Step 1: Find the length of Rita's candy bar.



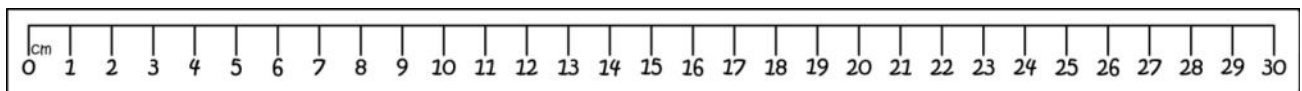
How long is Rita's candy bar? _____

Step 2: Find the length of both candy bars. _____

8. A frog jumped 7 centimeters forward and 3 centimeters back then stopped. If the frog started at 16 on the ruler, where did the frog stop? _____
Show your work on the broken centimeter ruler. (3 points)



9. Theo made a tower of green and blue cm blocks that measured 20 centimeters in length. He added 6 more green cm blocks and removed 11 blue cm blocks. What is the length of the tower now? _____
Show your work on the centimeter ruler. (3 points)



Subtract (1 point each)

10. $99 - 7 =$ _____

11. $21 - 4 =$ _____

12. $50 - 30 =$ _____

13. $95 - 5 =$ _____

14. $82 - 70 =$ _____