

Unit 3: Measuring Length

ADVANCED

Name: _____ Date: _____

Show your work. Write each answer as a single number with its unit where asked. 1 m = 100 cm.

1. A rope is 84 cm long. A second rope is 47 cm longer than the first. How long is the second rope, in cm?

Answer: _____

2. Maria's ribbon is 1 m long. She cuts off 38 cm to tie a gift. How many cm of ribbon are left?

Answer: _____

3. A pencil is 18 cm long and a crayon is 9 cm long. How much longer is the pencil than the crayon, in cm?

Answer: _____

4. Three sticks measure 26 cm, 35 cm, and 14 cm. Laid end to end, what is their total length in cm?

Answer: _____

5. A hallway is 95 cm shorter than a room that is 100 cm long... wait, the room is 100 cm and the hallway is 95 cm long. How much longer is the room than the hallway, in cm?

Answer: _____

6. Sam's jump was 78 cm. Tim jumped 15 cm farther than Sam. Ben jumped 6 cm less than Tim. How far did Ben jump, in cm?

Answer: _____

7. A table is 90 cm wide. A book that is 24 cm wide is placed on it, then another book 19 cm wide next to it. How many cm of the table width are still empty?

Answer: _____

8. A snake is 63 cm long. It grows 28 cm, then another 9 cm. How long is the snake now, in cm?

Answer: _____

9. A wall is 100 cm tall. One poster is 46 cm tall and a second poster is 37 cm tall are stacked on top of each other against the wall. How many cm of wall are left above the two stacked posters?

Answer: _____

10. A fence has 4 boards. Each board is 25 cm wide. What is the total width of the fence, in cm?

Answer: _____

11. A trail is 100 cm long. A hiker walks 42 cm, rests, then walks 31 cm more. How many cm of the trail are left to walk?

Answer: _____

12. One string is 56 cm and another is 56 cm. They are tied together, but the knot uses up 12 cm of total length. What is the final combined length, in cm?

Answer: _____