

## Unit 3: Measuring Length

### ADVANCED • SET 2

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Solve each problem. Show your work on scratch paper and write the final answer (a number with units) on the line.

1. A blue ribbon is 48 cm long and a red ribbon is 27 cm long. How much longer is the blue ribbon than the red ribbon?

Answer: \_\_\_\_\_

3. A pencil is 14 cm long and a crayon is 9 cm long. If you line them up end to end, then line up 2 more pencils of the same length after them, what is the total length in centimeters?

Answer: \_\_\_\_\_

5. A table is 92 cm long. A book that is 26 cm long and a ruler that is 30 cm long are placed end to end on the table. How many centimeters of the table length are not covered?

Answer: \_\_\_\_\_

7. Three sticks measure 17 cm, 25 cm, and 38 cm. Placed end to end, how much shorter is their total length than 100 cm?

Answer: \_\_\_\_\_

9. A worm is 6 cm long. A snake is 8 times as long as the worm. A stick is 12 cm shorter than the snake. How long is the stick in centimeters?

Answer: \_\_\_\_\_

2. Maya has a rope that is 65 cm long. She cuts off 28 cm for one project and 19 cm for another. How many centimeters of rope are left?

Answer: \_\_\_\_\_

4. A garden bed is 34 inches wide. A second garden bed is 18 inches wider than the first. What is the combined width of both garden beds in inches?

Answer: \_\_\_\_\_

6. One meter equals 100 cm. A jump rope is 3 meters long. Sam shortens it by 45 cm. How many centimeters long is the jump rope now?

Answer: \_\_\_\_\_

8. A hallway is 88 feet long. A rug that is 29 feet long is placed at one end and another rug that is 34 feet long is placed after it. How many feet of the hallway are still uncovered?

Answer: \_\_\_\_\_

10. A wall is 75 inches long. Lily hangs a picture that is 22 inches wide and a mirror that is 19 inches wide side by side. How many more inches of wall space could fit another picture that is 22 inches wide?

Answer: \_\_\_\_\_

11. A trail is 60 meters long. Ben walks 23 meters, then walks 15 more meters, then turns and walks back 9 meters toward the start. How many meters is Ben now from the start of the trail?

Answer: \_\_\_\_\_

12. Four fence boards are each 16 inches long and placed end to end. A gap of 7 inches is left, then one more board of 16 inches is added. What is the total length from the first board to the last board in inches?

Answer: \_\_\_\_\_