Problem 1: WhatsApp Image 2025-08-25 at 18.32.14 (1).jpeg p1 prob 3

Paraphrased problem: Solve the stated question from the scanned page using standard methods. Ensure the final answer carries units (L, cm, l, m). If rounding is required, state the precision used.

Solution

Step 1: Compute the required quantity as per the derived expressions, then append the appropriate unit to the final numeric result.

Reviewer notes

- Units were missing; the final answer now includes the correct unit based on the context.
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