



Measurement Story: Garden Project

Grade 4

Name: _____

Solve problems based on the garden story.

Use the story details. Calculate perimeter, total weight, and time conversions.

Example: Perimeter = 10 m

- (1) Maya wants to put a fence around the garden, which is 6 meters long and 4 meters wide. What is the total perimeter of the garden in centimeters? 🌱
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- (2) The garden is 6 meters long and 4 meters wide. If each bag of garden soil covers 20,000 square centimeters, how many bags of soil are needed for the entire garden? 🌻
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- (3) Maya plans to plant tomato plants along the 6-meter longer side of the garden. If she places one plant every 50 centimeters, how many tomato plants can she fit along that side? 🍅
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- (4) Maya needs 12 bags of soil for the garden. If each bag weighs 5 kilograms, what is the total weight of all the soil bags in grams? 🌻
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(5) Maya wants to know the garden's width in a smaller unit. What is the 4-meter width of the garden expressed in millimeters? 

