



Measurement Story: Garden Project





Grade 3

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's class is fencing their rectangular garden, which is 6 meters long and 4 meters wide. What is the total length of the fence needed, in centimeters? 
- _____
- (2) The school garden has an area of 24 square meters. If each bag of soil covers 2 square meters, how many bags of soil must the class buy to cover the entire garden? 
- _____
- (3) The longer side of the garden is 6 meters. If Maya wants to plant tomato plants every 50 centimeters along this side, how many plants can she fit? 
- _____
- (4) The class bought 12 bags of soil, and each bag weighs 5 kilograms. What is the total weight of all the soil bags in grams? 
- _____



(5) The garden is 4 meters wide. Maya wants to measure this width using a ruler that shows millimeters. How many millimeters wide is the garden? 🖋️

