

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

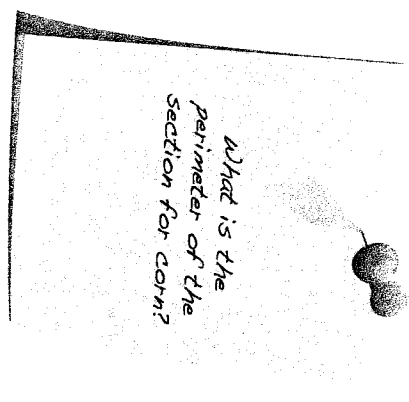
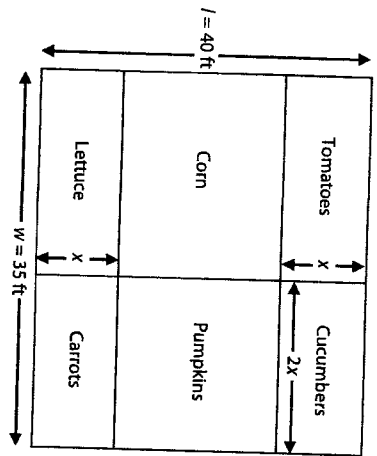
**UNIT 2 • POLYNOMIAL FUNCTIONS**

**Lesson 1: Polynomial Structures and Operating with Polynomials**

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

**Problem-Based Task 2.1.2: Garden Perimeter**

Marcus is planting a vegetable garden, and he has already determined what some of the sections of the garden will be. Below is a diagram of the garden, with all units in feet. (Diagram not shown to scale.) Marcus wants to place a fence around the corn. What is the perimeter of the section for corn?



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**Lesson 1: Polynomial Structures and Operating with Polynomials**

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

**Problem-Based Task 2.1.2: Garden Perimeter Coaching**

- What is the difference between the length of the garden and the length of the corn section?
- What is the length of the corn section, with  $x$  representing the unknown dimension?
- What is the difference between the width of the garden and the width of the corn section?
- What is the width of the corn section, with  $x$  representing the unknown dimensions?
- What is the perimeter of the corn section?