Example 1: Ron and Kathy are ticket-sellers at their class play. Ron is selling student tickets for $3.00 each, and Kathy selling adult tickets for $5.50 each. If their total income for 35 tickets was $155.00, how many tickets did Ron sell?

Example 2: Bob fenced in a rectangular garden in his yard. The length of the rectangle is 6 feet longer than the width and the perimeter is 104 feet. What is the width of the rectangle?