20 Word Problems Involving Simple Equations
(Part 4)

14. The perimeter of a rectangle is 28 centimeters, and the area is 45 square centimeters. Find the length and width of the rectangle.

15. The combined area of two squares is 40 square inches. Each side of one square is three times as long as a side of the other square. Find the dimensions of each of the squares.

16. The combined area of two squares is 90 square centimeters. Each side of one square is three times as long as a side of the other square. Find the dimensions of each of the squares.

17. The area of a circular region is numerically equal to three times the circumference of the circle. Find the length of a radius of the circle.