





8. A side of a square measures 5 yards more than the side of an equilateral triangle. The perimeter of the square is 22 yards more than the perimeter of the equilateral triangle. Find the length of the side of the triangle.
9. The length of a rectangle exceeds its width by 8 inches. If the width is doubled and the length is decreased 4 inches, the perimeter of the new and original rectangles are the same. Find the dimensions of the original rectangle.
10. The length of a side of an equilateral triangle exceeds the length of a side of a square by 12 meters. The perimeter of the square exceeds the perimeter of the triangle by 60 meters. Find the length of a side of the square and the length of a side of the triangle.