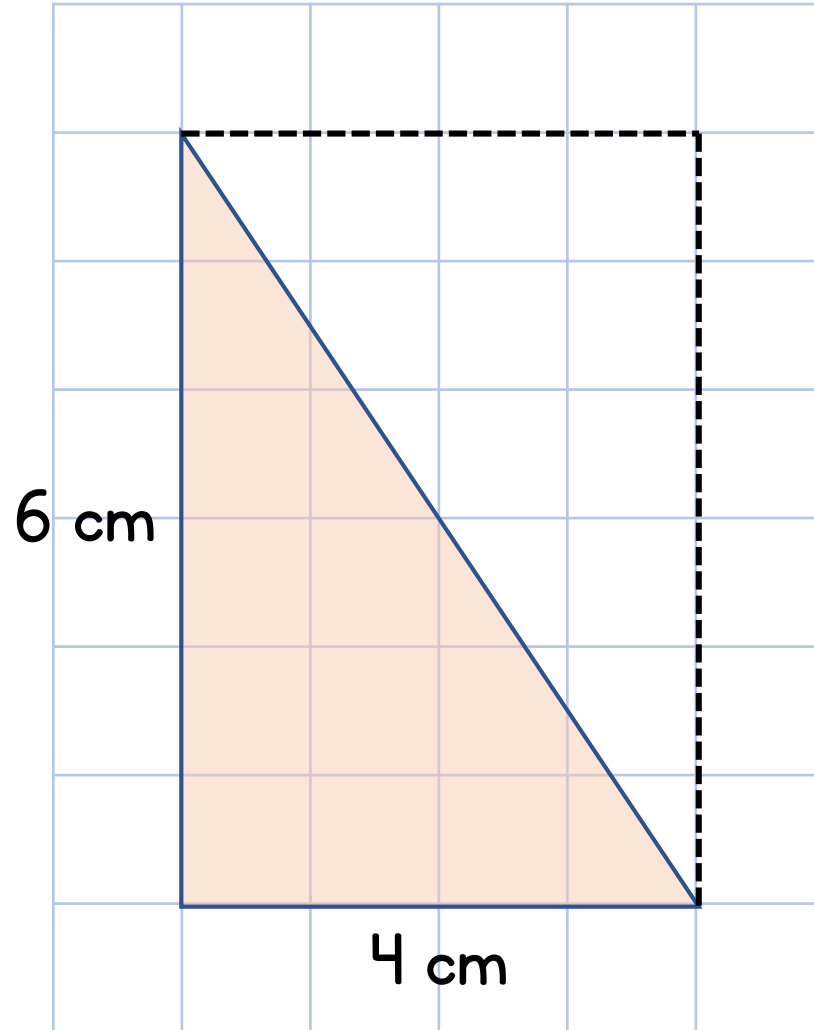


The area of the triangle is 24 cm^2



False

24 cm² would be the area of the rectangle. The triangle is half of this so the area of the triangle is 12 cm²