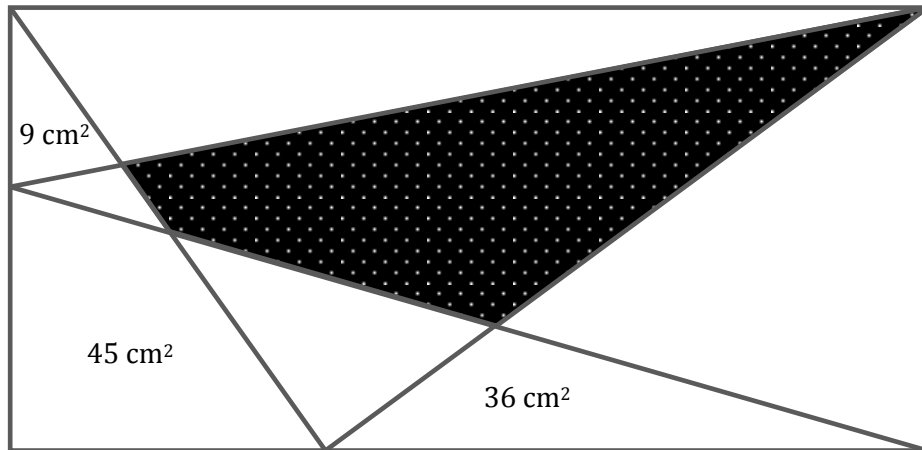


Weekly Challenge (7 Feb)

Several straight lines intersect each other inside a rectangle, dividing the rectangle into regions. Two triangles and a quadrilateral inside the rectangle have respective areas 9 cm^2 , 36 cm^2 and 45 cm^2 .



What is the [area of the shaded region](#)?

Ans: **90 cm^2**