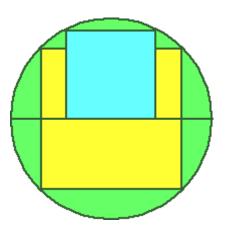


In the diagram below, the blue square is inscribed in the semicircle, and the yellow square is inscribed in the circle.



The blue square has an area of 40cm<sup>2</sup>.

## Can you find the area of the yellow square?