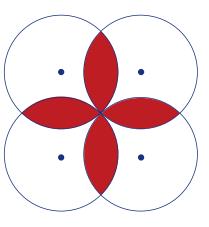
## Dan's badge

Dan makes a badge using his ruler and compass. He colours it red and white. This is his drawing. The centres of the circles lie at the corners of a square.

Construct your own version of Dan's Badge.

Dan uses a **radius** of 10cm for his circles. What **area** of his badge is shaded red?



## LEVEL 5