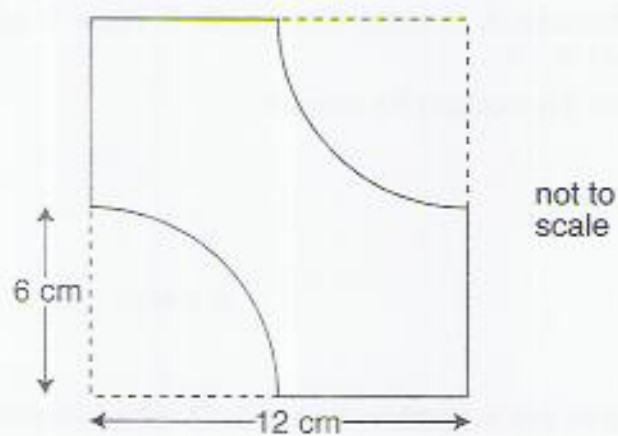


(b)



The diagram above shows the shape of a machinery part which is made from a 12 cm square of metal.

Quadrants of radius 6 cm are cut from two corners to leave the required shape.

(i) Calculate the perimeter of the shape.

Answer: cm (3)

(ii) Calculate the area of the shape.

Answer: cm² (3)