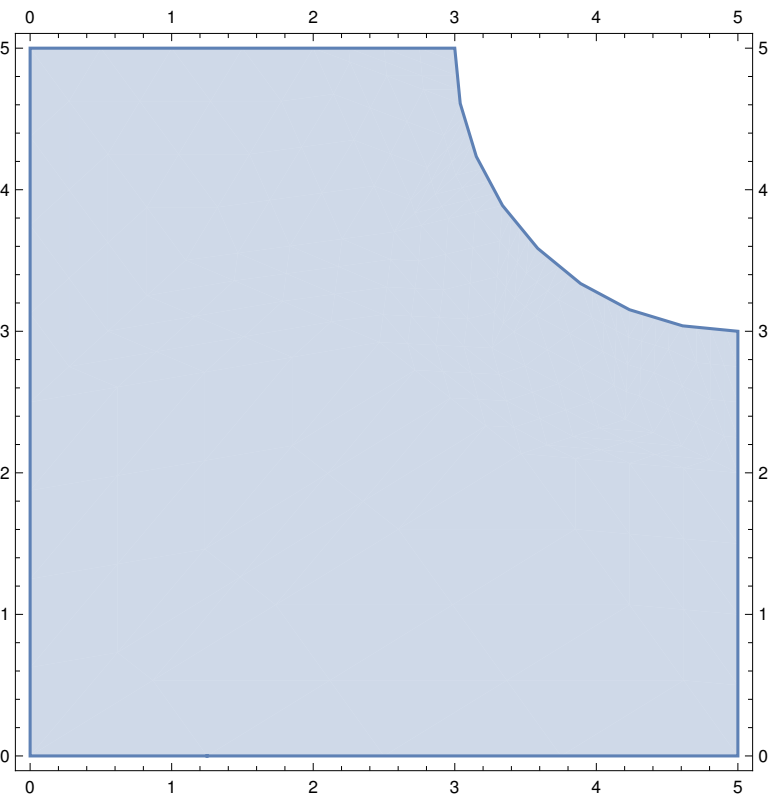


1.

- (a) The shape shown in the diagram is a square from which a quarter of a disc has been removed.



Find the area of the shape, in cm^2

$$\frac{25}{2} - \frac{\pi}{2}$$

$$24 - \pi$$

$$25 - \pi$$

$$26 - \pi$$

Solution:

Compute the Unions and Intersections and substitute.