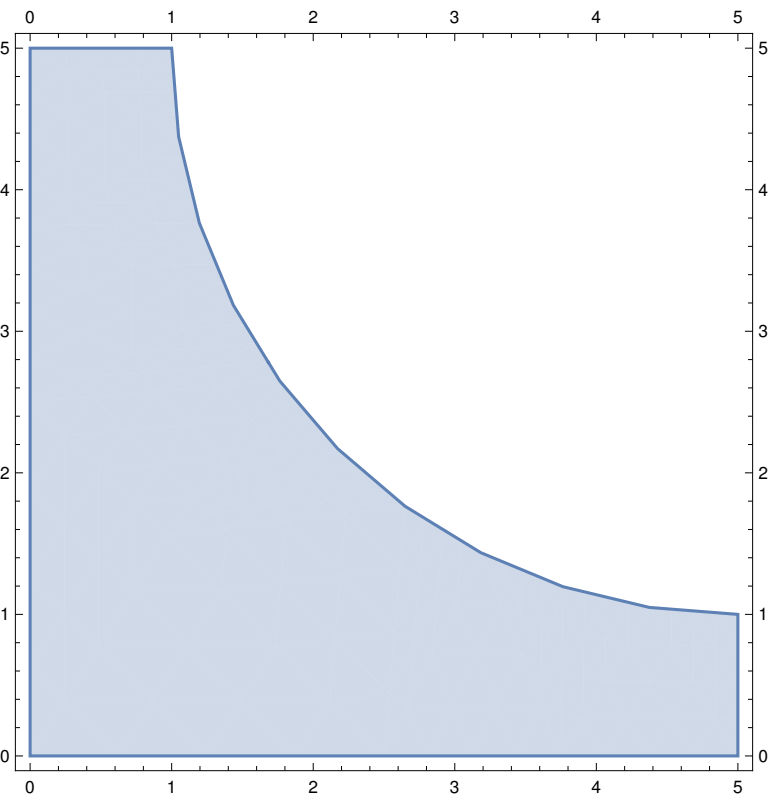1.

(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

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

$24 - 4\pi$

$25 - 4\pi$

$26 - 4\pi$

Solution:
Compute the Unions and Intersections and substitute.