## Example

Find the $x$-centroid for the shape below:


## Example

Find the $x$-centroid for the shape below. Do you prefer a horizontal or vertical strip for your elemental area? Why?


## Example

Find the $y$-centroid for the shape below. Use the same vertical strip you did for the last example.


## Example

Find the $y$-centroid for the shape below. This time use a horizontal strip for the elemental area.


