# Unit III: Distributed Forces

## Centroid of Common Shapes

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Shape | Image | x̅ | y̅ | Area |
| Rectangle |  | x/2 | y/2 | Area = |
| Triangle |  | x/3 | y/3 |  |
| Arc of circle |  | \*Check axis | \*Check axis |  |
| Quarter-circle |  |  |  |  |
| Semi-circle |  | \*Check axis | \*Check axis |  |