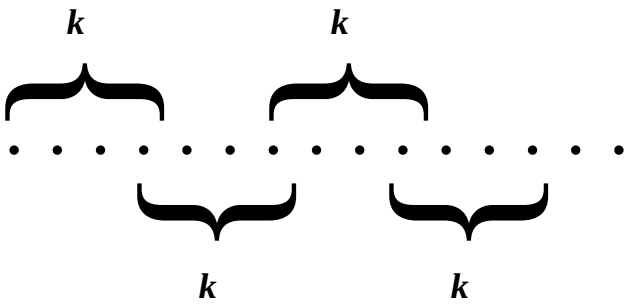

$k = 2$		**Trapezoidal**
$k = 3$		**Simpson**
$k = m$		**Gauss**