

# AREAS AND CENTROIDS OF SHAPES TABLE (v 1.0)

	AREA $A$	CENTROID $\bar{x}$
<p>Rectangle</p>	$LM$	$\frac{L}{2}$
<p>Triangle</p>	$\frac{LM}{2}$	$\frac{L}{3}$
<p>Triangle</p>	$\frac{LM}{2}$	$\frac{1}{3}(L + a)$
<p>Trapezoid</p>	$\frac{L}{2}(M_a + M_b)$	$\frac{L}{3} \left( \frac{M_a + 2M_b}{M_a + M_b} \right)$
<p>Parabola</p>	$\frac{2LM}{3}$	$\frac{3L}{8}$
<p>Cubic</p>	$\frac{3LM}{4}$	$\frac{2L}{5}$
<p>Parabola</p>	$\frac{LM}{3}$	$\frac{L}{4}$
<p>Cubic</p>	$\frac{LM}{4}$	$\frac{L}{5}$