

ANSWERS TO SEMESTER ONE EXAMINATION JUNE 2007 (MARCH 2007 INTAKE)

1	$\frac{n(50n^2 + 165n + 169)}{6}$
2	PROVE
3	$4u^4 - 21u^3 + 29u^2 - 3u + 43 = 0$
4	<p>Asymptotes : $y = \frac{5}{2}$ and $x = 2$.</p> <p>There are no stationary points.</p> <p>The curve crosses the axes at points : $\left(0, \frac{-3}{4}\right)$ and $\left(\frac{-3}{5}, 0\right)$</p> 