ANSWERS TO SEMESTER ONE EXAMINATION JUNE 2009 (MARCH 2009 INTAKE)

1	$343n^4 + 1078n^3 + 1099n^2 + 396n$
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- **2** PROVE
- $81u^4 844u^3 + 3274u^2 5645u + 3700 = 0$
- Asymptotes: $y = \frac{3}{4}$ and $x = \frac{-9}{4}$.

There are no stationary points.

The curve crosses the axes at points : $\left(0,\frac{8}{9}\right)$ and $\left(\frac{-8}{3},0\right)$

