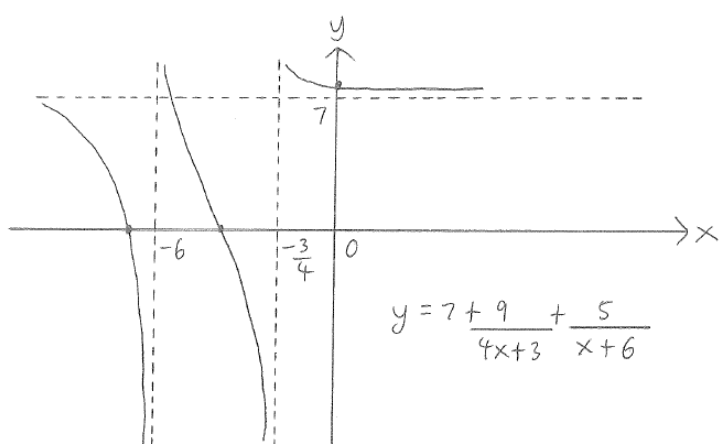


ANSWERS TO SEMESTER ONE EXAMINATION JUNE 2011 (MARCH 2011 INTAKE)

1	Prove
2	$\frac{n(6n^2 + 57n + 179)}{n(456n^2 + 570n + 179)}$ $n_{min} = 6$
3	<p>(i) $y = 7 ; x = -\frac{3}{4}$</p> <p>(ii)</p>  <p style="text-align: center;">$y = 7 + \frac{9}{4x+3} + \frac{5}{x+6}$</p>
4	$81u^4 + 86u^3 + 11u^2 - 54u + 1 = 0 ; \frac{5614}{6561} ; 54$