**Question 2** 

**2010 HSC Mathematics** 

**Band 2/3** 

Sample 2 Start here for Start here for Question Number: 2 a) cosoc 2c. SINDC - COSDC. # (><)2 X De sinde - cosoe -DC2 b) >c2-x-12 <0 ( >c + 3 ) ( >c - 4 ) < 0 · >c = -3, or 4 y= In (30c) In : 50 C <u>3</u> 4 1 where sc = 2 11/2 3 m = 7 Next Page

**Question 2** 

## 2010 HSC Mathematics

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Sample\_ Soc +1 U (Soct 1 doc 52c+1) (52c+1 doe -250c2 100 + 10 ac + 1 2 2500 DC 0 DC 2 + tc 3 25003 -5202 DC C 3 dac X 11 4+202 R t oc 4 1C Ð 3 + C -Additional writing space on back page.

Office Use Only - Do NOT write anything, or make any marks below this line.

**Question 2** 

## 2010 HSC Mathematics

	Sampl
$\int_{0}^{6} (2ctk) d2c$ $\int_{0}^{2} = \left(\frac{2c^{2}}{2} + k\right)^{6}$	
$30 = \left(\frac{6\pi^2 + 6\pi}{2}\right) - \left(\frac{0^2 + 6\pi}{2}\right)$	12
18th -	
You may ask for an extra Writing Booklet if you need more space to answer q	uastics 2