Start here for

Question Number: 3

$$\alpha$$
) $i \frac{12-2}{2}, \frac{6-4}{2}$

$$B_{3} : m_{BC} = -\frac{2}{6}$$

$$= -\frac{1}{3}$$

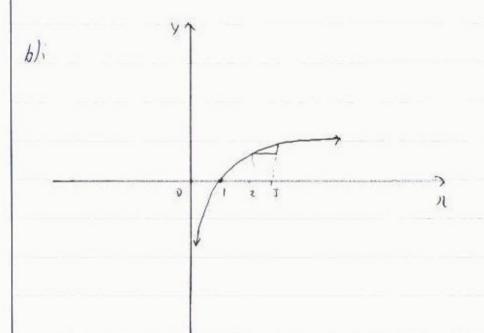
$$y - z = -\frac{1}{3}(x-2)$$

 $3y - 6 = z - x$
 $3y + x - 8 = 0$

$$V = \sqrt{(12-6)^2 + (6-8)^2}$$

$$= \sqrt{36+4}$$

$$= \sqrt{40}$$



$$A = \frac{1}{3} \times \ln 12$$

$$= 0.828 \quad (40.3 \text{ dec. plocos})$$

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| Question 3 | 2010 HSG Mathematics | Band 4/5 Sample 1 |
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