$= 2 \left[ \frac{8}{3} - 8 \right] - \left( \frac{1}{3} - 4 \right) = 1 \left[ \frac{\pi}{1000} + \frac{\pi}{1000} \right]$ $= -10  \sqrt{\frac{\pi}{1000}} $ $= \frac{\pi}{1000} + \frac{\pi}{10000} $	$(4.24.\frac{1}{12}) = 11.1 - \frac{1}{4}$ $(4.1) \text{ in } (4.02) \text{ in } $	
17-th Aug Manday SOLUTIONS YRIA P. 1 = 2[13-1] 2001 2000   MANDAY SOLUTIONS   EXTENS   = 2[13-1] SOLUTIONS   K: l= 1:-2.	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	

(4) $1/4 = 00^{2} - 00^{2} = 00^{2} = 130 - 00^{2} = 130 = 00 = 00^{2} = 130 = 00 = 00 = 00 = 00 = 00 = 00 = 0$	
(20) = (40) = (40) = (3603)  = (40) = (40	$ \begin{array}{lll}     & 1                               $
i) $\frac{\pi}{3}$ $\int_{0}^{3} \sin^{2}\theta  d\theta$ = $h_{x3}^{2} + h^{2}$ = $h_{$	1). In the second that for $n=k$ . I) $M=(200000)$ , a first that for $n=k$ . If $n=k$ is an integer of its and its and its and

$\frac{\partial U(1+x)^{2n}}{\partial U(1+x)^{2n}} = (a)x^{2} + (a)x^{2}$
$ \begin{array}{l}  iii  \\ T = 50^{\circ}, t = 90. \end{array} $ $ T = A + Be $ $ T = 32 + 78e $ $ 50 = 32 + 78e $ $ -90k $ $ 8e = -90k $ $ 78e = -90k $ $ 79e = -90k $ $ 70e = -90k $
The obas phs $f(x) = 0$ . (1) $ \frac{34x^3(1-x)}{(x^243)^2} = 0 $ $ \frac{34x^3(1-x)}{(x^243)^2} = 0 $ $ \frac{36x^3(1-x)}{(x^243)^2} = 0 $ $ \frac{36x^3(1-x)}{(x^243)^2} = 0 $ $ \frac{36x^3(1-x)}{(x^243)^2} = 0 $ $ \frac{x^2}{(x^23)^2} = 0 $

iii) Cont $5x44^2 = -5x158.5^2$ (1+fan²d) +158.6 x 44²x + an d $5x44^2 = -5x158.5^2 - 5x158.5^2$ fan²d + 158-5 x 44²x + an d	: 1805X44 Jand Sx15856  : fan d= 158.5x44 * 1 168.5x44 " + 4x5x1585")=0  : d= 61.8" 0R 30 "	
b) $\sqrt{\frac{\cos d = \frac{2}{3}}{\sqrt{\frac{2}{3}}}}$ $\therefore 4 = -\frac{5x^2 \sec^2 d}{\sqrt{2}} + x \tan d$ $\Rightarrow \frac{1}{3} = \frac{1}{3} $	$\frac{1}{3} = 0$ , $x = 0$ , $y = 0$ , $x = 1000$ , $y = 1000$ defined   $\frac{1}{3} = 0$ , $y = 0$ , $y = 1000$ defined   $\frac{1}{3} = 0$	