

2.	The area bounded by the curve $y= x -1$ and $y=- x +1$ is - (1) 1 (3) $2\sqrt{2}$ Consider $f(x)=\min (x+2,\sqrt{4-x}), \ \forall x\leq 4$. If the area bounded by The area (in sq. units) of the region $\{(x,y)\in R^2: x^2\leq y\leq 3-2x\}$, is.	(2) 2 (4) $4\sqrt{2}$ (4) $4\sqrt{2}$ (5) 2^2 covers units then the value of h is	
		$f(x) = f(x)$ and the x-axis is x^{22} causes units, then the value of h is	
		by $y = f(x)$ and the x-axis is $\frac{1}{k}$ square units, then the value of k is	
///. ((1) $\frac{32}{3}$ ongo /// mathongo /// mathongo /// mathongo ///	(2) $\frac{34}{3}$ thongo /// mathongo /// mathongo /// mathongo ///	
	The area bounded by the curves $y=x^2$ and $y=\frac{2}{(1+x^2)}$ is $(1) \left(\pi-\frac{1}{3}\right) \text{ sq. units}$ $(3) \frac{(2\pi-1)}{3} \text{ sq. units}$	(2) $\left(\pi - \frac{2}{3}\right)$ sq. units (4) None of these	
i	integer function	coordinates axes is equal to k, then $[k + 3]$ is equal to (where, [.] denotes the greatest	
14.	(1) 2 (3) 4 hongo /// mathongo /// mathongo /// mathongo	(2) 8 (4) 6 athongo /// mathongo /// mathongo ///	
	` ^	and $x=0$ into two parts $R_1(0\leq x\leq b)$ and $R_2(b\leq x\leq 1)$ such that $R_1-R_2=\frac{1}{4}$	
///.		// mathongo // ma	
7./	The area bounded by the circle $x^2+y^2=4$, line $x=\sqrt{3}y$ and x-axis lying	g in the first quadrant, is mathongo ///. mathongo ///. mathongo ///.	
((1) $\frac{\pi}{2}$ (3) $\frac{\pi}{3}$	(2) $\frac{\pi}{4}$ (4) π	
		ich is not common to the region bounded by the parabola $y^2=x$ and the straight line	
-	y=x, is	(2) $\frac{1}{3}(6\pi - 1)$ (4) $\frac{1}{6}(12\pi - 1)$ mathongo /// mathongo /// mathongo ///	
	The area of the region bounded by the straight lines $x=0,\ x=2$ and the c		
	(1) $\left(\frac{3}{\log 2} - \frac{4}{3}\right)$ sq. units $\log \frac{2}{3}$ mathong $\frac{2}{3}$ mathong $\frac{2}{3}$ sq. units	(2) $\left(\frac{3}{\log 2} + \frac{4}{3}\right)$ sq. units athongo // mathongo // mathongo // mathongo //	
	$\{\min\{(r+6), r^2\} = -3 < r < 0$		