Start here for	4
Question Number:	1

a)
$$x^2 = 4x$$

$$x^2-4x=0$$

$$\propto (\propto -4)$$

b)
$$\sqrt{5-2} \times \frac{5+2}{5+2}$$
= $\sqrt{5+2}$

c)
$$(x+1)^2+(y-2)^2=5^2$$

$$2x = 6$$
 $-2x - 3 = 9$

$$5c=3$$
 $-2x=12$

(x-h)2+(y-k)=12

e) ox x2 tanx ox.

0 dv + V du

 $d^{\bullet} = x^2 \cdot Sec_{x} + tan_{x} \cdot 2x$

900

 $= x^2 \sec x + 2x \tan x$

f. a=1 $r=-\frac{1}{3} \left(\frac{1}{4} = \frac{1}{3} = -\frac{1}{27} = \frac{1}{4} \right).$

a(1-50)

 $\frac{1\left(1-\left(-\frac{15}{3}\right)\right)}{1-\left(-\frac{1}{3}\right)} = \frac{1+\frac{1}{3}^{n}}{\frac{1}{3}}$

Additional writing space on back page.

		Sample 3
1015	$(x-8)^{\frac{1}{2}}$	
d) $f(\infty) = 100-8$	$(\infty - 8)^{-}$	
g) $f(x) = 5x-8$ $f(x) = (x-8)^{\frac{1}{2}}$ $f(x) = \frac{1}{2}(x-8)^{-\frac{1}{2}} \times 1$		
Cl		*
$f(x) = 2(x-8)^2 \times 1$		12 Vx-8 = 0
f(x) = \(\frac{1}{2}\) (x-8)\(\frac{1}{2}\)		0 = 8-2C
, 60, 21		
		X=8
THE ST		
SC = 8		
SC = 8		