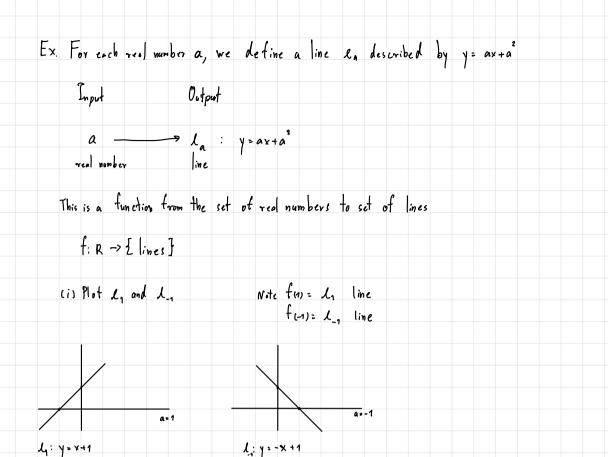
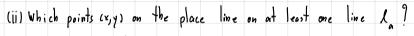
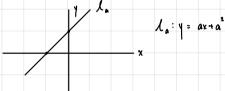
	chap	oter 1	Functions											
Νu	mber	sustin	realnumber	R										
z [†] z [*]	۲ ح	ositive in	tegers (Nat	vrol num ber)	1,2,3,4,		١.١. ٢							
z	Λ	legative	integers		-7,-2,-9	,-4,	$\frac{1}{2}$	er						
Q	K	natinal n	om bers	g where	p, q & Z									
RIG	Į.	rrational	numbers	Y, e, \12,	Luz									
			note: e=1	$\lim_{n\to\infty} \left(1+\frac{1}{n}\right)^n =$	× 2.716									
Not	e som	etimes r	V = & 0, 4, 2,	3, } dep	ending on	the cor	itext.							
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	٠ (-	00,60 = { X	ER I X	< b 3										
D.	tinit.	iou												
72	A fu	nction f	is a rule	where assign	each x in	the dom	ain to o	nly one	corresponding	value	called for	()		
	,	n	L L					1	, ,					
	(*	(for)											
	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \													
	Domai	. D _t . E	xerl fo	x) is define	ed}									
	Rana	J R F	fiv) x	e Da 7										
				<u>'</u>										
Sup				A function i	f from A	+ f. B	is on rul	e that	assigns en	h xeA t	o only one	eorres pou	ding value	fune
	Zagat	V _f	(fin) Report											
		\int												
	1	f 4 . 9	L 1	ſ	4 L D									
we	write	1: H -> B	Tor a t	thicibn from	A to B									
Ex.	R	en valued	function:	f: R→R (a=R, b=R)								
			. fiv = ,	ε ²										
			f (4) , , ,											
		Ey		i ₹:A→B	Δ - p ⁺ -	ΓΛ Φ1	0	~ \						
		ty	. ((4)= ())		B = R	50 ₁ -01	Vf = [0,							





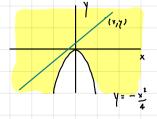


If (x,y) is a point of the line la, then y=ax+a

$$a^{2} + x \cdot a - y = 0$$

$$a = -x \pm \sqrt{x^{2} + 4y}$$

Hence, we need x + 44 70 4 3 - x2



So {cx, y, 1 y > -x2} lives on at least one line la