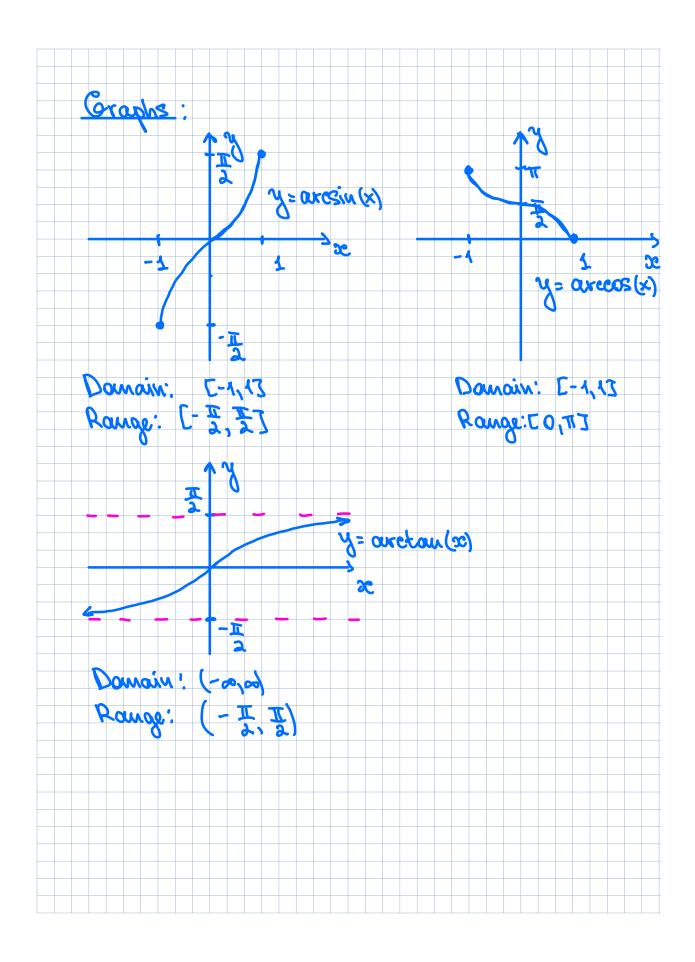
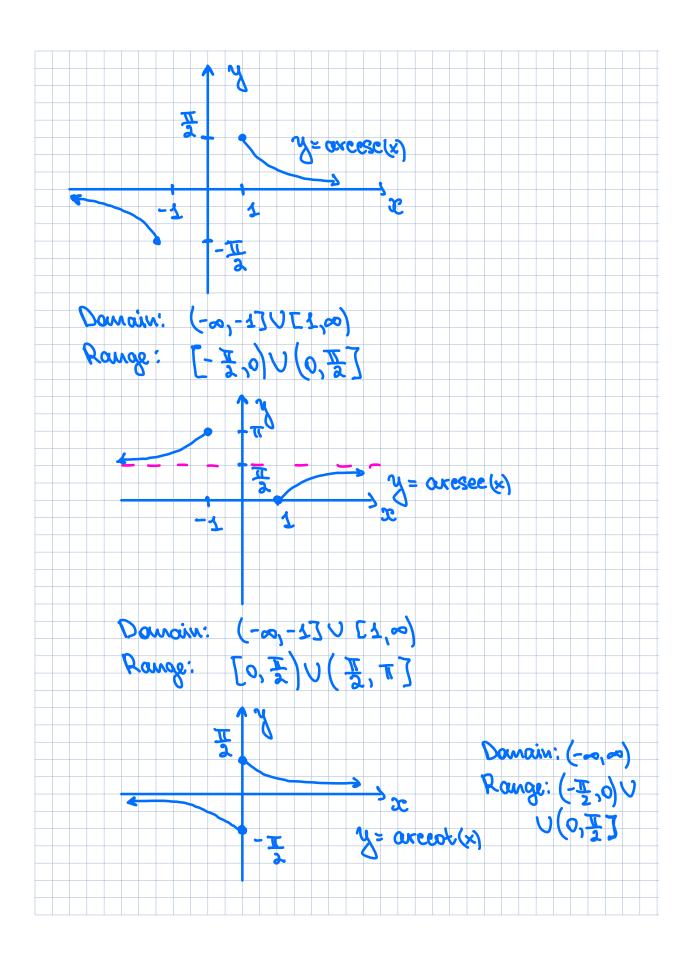
	Se	ctio	۸ ٦,			vow		T	( \( \)	on	<b>W</b> (	etri		
<b>L</b> .	The Eval Appli	in'	vexs	R	tri	Dow	<b>2000</b>	gov 20	c vov	fu net	mck cric	iovs fr	s.	iovs.
1.	iw.e	ians.								0				
Def.	Ven ei	csine	<b>'</b>	1,	17		ore	Sive		i.	3	defi	ned	
		Six								7.				
	Sivi v (Ox		c) =		-\{\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\			8						
	, , ,			4	21	2 7	•							

	T ares	Sinky	Siw 1	x) + L Sin(x)
	1-12	2		
Def. ( ) Function Inverse sine	Domain	Range	Notation	
Invense asine Inv. tangent	[-1,1]	[0,4]	areeos x=y <=> areton x=y <=>	x= ess (y)
Inv. essecount Inv. sec.	(-0,-1] U	[-\frac{\pi}{\pi},0]V	aresee x=y	2 x= esc y
Inv. colonged	[1,00)	(\frac{1}{2},\pi\) (-\frac{1}{2},0)\(\pi\) (0,\frac{1}{2}\)	arced 2= y	=> 2c = cot 4





2.			
Example	(Evaluating functions)	inverse trigonometr	ie
• arctan (-	1) = 2		
arctan	-1) = oc (=5 -		
		X= - T	
• orcese(2)	= 2		
oxcese(s	n = x (=)	2= csc(x)	
		2 = 1 Sin(x)	
		$Sin(x) = \frac{1}{2}$	
		x = 10 6	
		0	
Example (	Evaluating	compositions of	
	trigonometrie	c functions)	
• arcsin (	$Sin\left(\frac{3\overline{u}}{4}\right) = ?$		
Sii	$n\left(\frac{3\pi}{4}\right) = \sin \theta$	$\left(\overline{V}-\frac{\overline{V}}{4}\right)=\frac{\sqrt{2}}{2}$	

