23-1/	ALL = E, - FALSE
	Am CPL
	$A \in \mathcal{E}_{0}$ iff $A \in \mathcal{E}_{0}$ and $\neg A \in \mathcal{E}_{0}$
	TAIM O'10 REF 1 => - obvious normal negated
	The contraction of the contracti
	assume X is the TM for Afti
	777 Y is the TM for mAEE
	Halting Problem != construct Z, the TM For A & Eo
	= ATM € E, \$ATM & ED Z(W) :=
	Assume (7 ATM & E.) is false (7 take a skp m X (w)
	:. Atm = Eo => False take a step in Y (w)
	Lirepeat but if X says to Y
	-ATM = ECM, W7 METM and W& L(M) } Y says Y > N
	When are two sets the same size?
	candinglify: set $\Rightarrow$ num $ A  =  B $ iff $cand(A) = cand(B)$
	candinglify ( 0* ) = ? Xo Georg Cantor:
	Set A is the same size as Set B (ARB) iff
	exists f: A > B Keek such Hat. YbeB. JaeA. f(a) = b
	and Was Port 28. 240 Cb Retards
	Va,a'∈A, Vb, f(a)=b ∧ f(a')=b => a=a' (=>2xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
	Nat(N) & Evens (wrong)
	$A=N$ $B=Evens$ $f(n)=2\times n$ =7 $N$ $Evens$
	Brocountable = NAB  B  = 20 X





