00	This tr: 19:00-20:00, 200m
	Pri 15:00-16:00, M(30
HW	Fr: 23255
Revel	1-3, 1.4
Do	Oritentation test
Russe	3 head up, 12 tail up, allow to Flip, blind. goal: 2 piles of a same number of head up.
	(3 wins) (2 wins)
\$.141.2	Validity of Arguments.
	- It it won't both rain or snow compress
	- It it will rain tor.
	Conclusion: it won't snow tour.
	In symbols: 7 CRAS)
	¬ S.
	Truch tible: R 5 7 (Ris) 75.

	ef.2. (RUS) V(75)
	R
	<u> </u>
	trush table: R S (RNS) V(75) F F F T T
	FTFF
	F T F F F T T T T T F F T T T T F F T T T T F F T T T T F F T T T T F F T T T T F F T T T T F F T T T T F F T T T T F F T T T T F F T T T T F F T T T T F F T T T T F F T T T T F F T T T T F F T T T T F F T T T T F F T T T T F F T T T T F F T T T T F F T T T T F F T T T T T F F T T T T T F F T T T T T F F T T T T T F F T T T T T F F T T T T T T F F T T T T T T F F T T T T T T T T T T T T T T T T T T T T
	TTTFI
	=) this conclusion is invalid.
	-) The tonems, on is medical.
81-3	
Variables	Statements could depend on variables.
+	L×
Sets.	Box): x is an even integer
	=> this statement is depended on variable x
	(ix,n):x people have n iell phones.
	Clashor Eins: x people
	Sexs:
	ef: A= \(\frac{7}{7}, \frac{8}{9}\). 76A element
	GAA
	element
	two sets are equal iff they have some elements.
	B= {9,7,8}, B=A * Webwork closs not support this.
	C= {7, 9, 8, 7}, C= A the order does not matter.
	D= {7, 8, 9, 10}, D=A.
	8 8 12 5 C 1 2 2 2 : North as a soul our sol
	e.f. $N = \{0, 1, 2, 3 - \cdots \}$ nature number set.
	nature number includes O.
	Truth sets:
	_
	Given Pun, can from the set {x/Pun};
	which is called the touth set of Pox).

e.f. {x E(x)} = {4, -2, 0, 2, 4}
Given a set A, can condition the elementhood
test: determine whether an element is in the set.
e.f. {x x2 = 4 } = [-2, 2].
y 6 { x x 2 5 4 } . => y 6 [-2,2].
Universe of discourse Rationals.
EXEMPLY) } => {x xenpply)}. I positive real numbers.
comment examples of u: R, N, Z, Q, R, R, etc.
{xCR/x254}=[-2,2] <= infinite set
$\{x \in 2 \mid x^2 \le 4\} = \{-2, -1, 0, 1, 2\} \Leftarrow s$ elements only.
{ XEN x2 54 } = {0,1,23.
<u>:</u>
sometimes we just says a certain set is our
"universe of discourse" and om't "Gu".
· What is Pix) is true for every xou.
Extul Pung = u.
What is Pux) is always false?
{x6nl Pix) }= \$.
1 4 n 1 2 1 2 4
\{\(\alpha\beta\beta\beta\beta^2=-1\end{array}=\phi\)