8 30	

Pourerset 5 D. BC 13	
$2A := 2B \cdot D - M3$	
$A = \{1,2,3\}$ $2^{1} = \{0,513,\{23,\{23,\{233\},\{21,23\},\{2,33\},$	
$\frac{2^{17} = 20,213,223,233,43}{21133,43}$	
Cardinality A1=3	
$\frac{17701}{5} + 4 - 4$	
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- Special set 12 called the "universe"	
Special set 12 called the office.	
what warms limited to.	-
William George = FUM	
mote: FS 12 * all sets are subsets	najmir Hillion
MC 0 0 12*	
THA THE	
$A \cap \Omega = A \qquad (A)$	
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$Q \cap D = Q$	
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A° "a-complement" - everytning that	openius.
$A^{c} := \Omega / A$	•
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$(A^c)^c = A \qquad AUA^c = 12$	entra de la constanta de la co
ANAC = Ø	ni da tratal
A.At and thousand exclusive	11
A, At are "mutually exclusive "disjoini	11

	S COUTINO
	SA, Az, 3 are mutually exclusive
	¿A, A2, } are mutually exclusive if Ai∩Aj = Ø + i + j
	EAI, Azi 3 are collectively exhaustive
	$\frac{1}{\sqrt{2}} = 0$
-	AIU AZ U UMZ
	1A1+ AC = 121 T
	$N = 51123$ $ N = (00") N_0$
	N = 21,23 INI-(00) Countable infinity.
agencia secretar	7 = 8 1,0,1,3 Z = No
	1 def 1A1=131
-] 1:A - B 1:1
	"rational numbers"
	D:= 28: PEZ, GEN3 WI NO
	$\frac{1}{2}$
	1240
	"real numbers! R:= BU \{\frac{2}{noles"}\} \R = No
	14 (D) V 2 110003 5
	[a16]:= {x: x ≥ a 4 x ≤ b}
	$(a_1b):=$
rau sandalanin	$A = (O_1 I)$
	$ A = \frac{1}{ A } $
Section Sectio	77 1(0,0) # No R = 9 insinity"

Ordened pair
(a,b) := 27a3, 2a,b33
Ax B:= 3 zaib>: aEA, bEB3
4
cartesian A= \$1,23, B= \$3,43
product
Ax B=3<1,37,<1,4>,<2,3>,<2,4>}
$ A \times B = 4 = A \cdot B $
A x B = 4 = A B Same as \(\int \) multiplication \(\int \)
IA. x A2 x ANI = TI Ail
$\hat{i}=1$
$A^2 := A \times A$ $ A^2 = A \times A = A A = A $
$A^3 := A \times A \times A$ $ A^n = A n$
Probability
I is called the "sample space" l'outcome
Space!
It's elements are called "Outcomes"
denote the w's.
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W W = H, W = T
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		III possible events are ez	
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			artine physiciscs
		D°Z DIO,1]	
	d	re roll experiment: $\Omega = 21,2,3,4,5,63$	
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