Leene 1 Mm 241 Jany 27, 2015 Brothe Sea Theory & Vocabulary Markennes buils on the formlasson of sers. Prob & Stars ground in sets. Began to 1870's formlassed in the Definion Ser: a colleison of distres objects without order none, one, or may all unique) anyong you can hit of the state of the s downly the for brace have the beginning and and of the consumeration (F= & Jac, Mars, Susan, Davis M = & Bob, Toe, Max, Dann} Thy can also be illusorate graphally Venn Dingme! Orm Joe Max Set eguling: 111 class showl M + F sue Jane F,

Induson Jane EF.

The E & Jac, My, Susan Dan?

This clamp has to be god to one of the aloners in he sa

Sers con have my # of class can refrice class

From $W_i = \{1,2,2,...\}$, $N_0 := \{0,1,2,3,...\}$ Integrated $M_i = \{1,2,2,...\}$

Not irchain: Jan & M

Subsess que level with " or " ="

ETac, may 3 C F

Trans propor subser which rems to see on the 1.4.5.

From the v.h.s.

E mens "subser" and is allows for the gover for the sa On the 1.h.s. to be again to the servor the rebis.

{Tou} ≥ F? Ju CF?

re contre see using de curin " grenor " ("Egp" spile) ETac 3 () EMay, Susm, Donn 3 = F Who Etres (Stares ? = Etres Union is like addition but doesit dable-come" It is also know as non-college or " openion Form means Lende name, orde have (or book)! = 8 Jac, May, Sucan, Ogra, bob, Jac, Max 3 An inverseeon finds common clevens as a see FAM = {Dam3 # Dag Intersection is the And " operation Who is a famile name and a mole happe got the Some other?

Fn{Bob, Tax } = {} special symbol: +6 enpay ser or de mullser" if ANB = \$ ØCF? ØEF? or dijora" (Vacsone the) they shape no dans is common they are collect muly exclusive" odd #5 1 cum #15 = 6

Me can also subtrar seto

All Forly min all moles
Who is Flow UFIF?

FIM + M/F genelly

if AD = A who doe that rem our ADB? (= \$)

We can also take the powerses: expand to see it subsus

2 = \(\phi, \(\)

Me can also take the six of he set (or "andredy") |F| = 4 (since other me 4 clauss) |m| = 4 $|m \cup F| = 7$, $|F \cap n| = 1$ take the prison and then count (2F) = ? ench such A = 2 F hors a clave or don on Epl, di, oh, olig 24 = 16 A special ser of meres is wild Il (the "innerse" or the Saple space" or the "44/lene of decouse") which is all elevers our current scope is linded to Von beeide in but it is usually obvious.

Here has $\Omega = FCM$ (ally theme > Amen)

Mix that $F \subseteq SL$, $M \subseteq SL$ ("then gorsee" him gorsee") All sees A = 52 (by defaum) if A has class is the sage.

j., 15. –