given a collection F of sets with |F|=n show that the algebra generated by F has at most 2° sets.

Bertrand's postulate: I = prime between n and 2m. See proof by THE BOOK

Reading: Memories proof of bentrand's postulate from pftB. Also Ch 3.

think about: (a+b)" word ("). (a+b) ~ ~~?

other things.  $N! \leftarrow \Gamma(X)$   $\int$  connected fractional derivative?

google: multinomial coefficients in multivariable calculus/taylor scries.

Ex. play w/ diagonale of Pascal Triangle 4 maybe find a formula for sums of first n elements in km siagonal.

188: Show that integers have unique representation interms of fibonaeci base (if you don't use adjacent

Given and so, and N, Do you expect (an) to be a "god" base (say, like 10° or 2").

Fix Solution to "unique power of 3" problem.

Show that 2" is "slowed" with which you can still do well.

Ex: showthat lim dp = do.

exorcises from Ch 3: 2.5. (2,3,4) 3.8.(8,9,12)