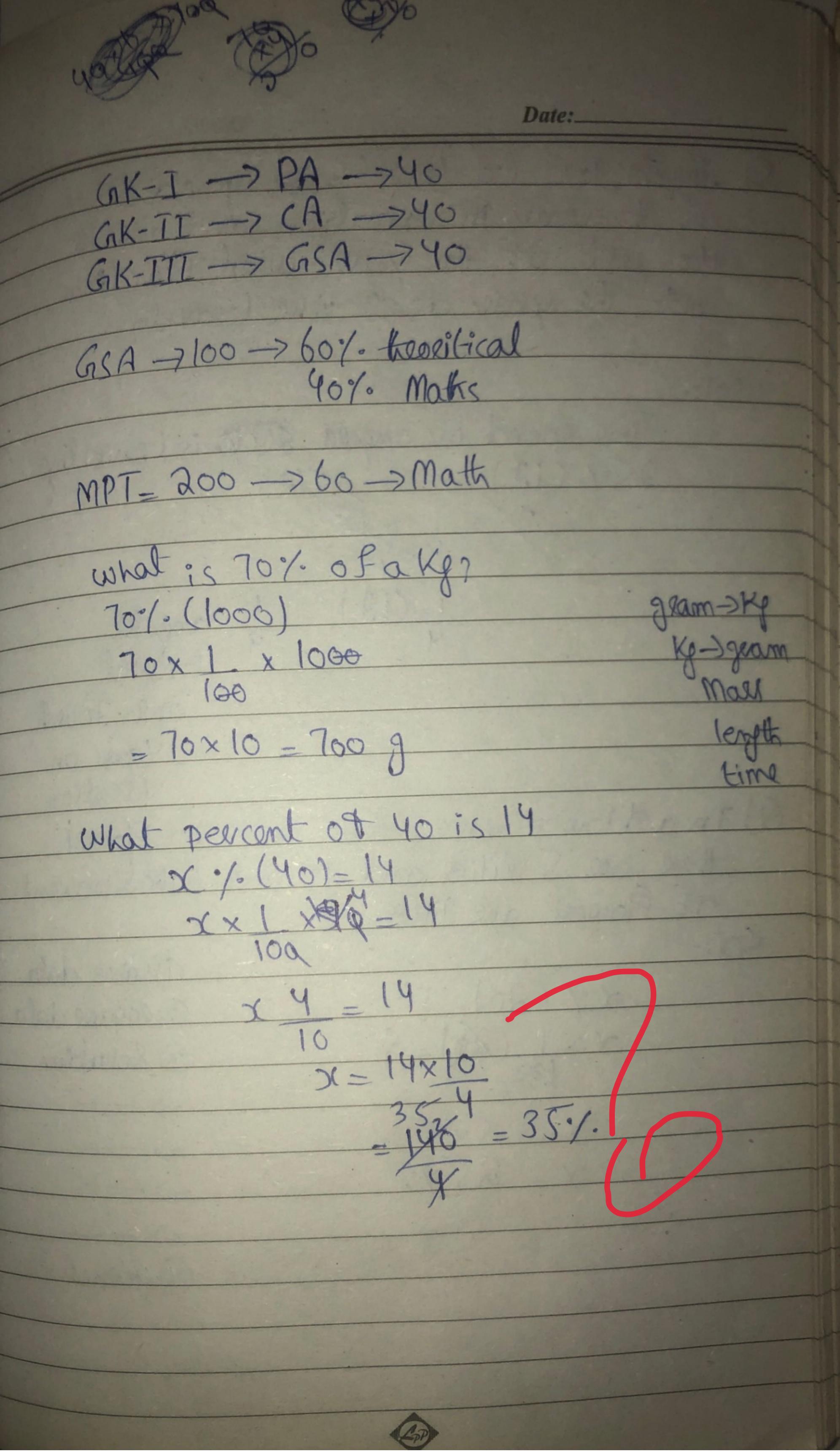
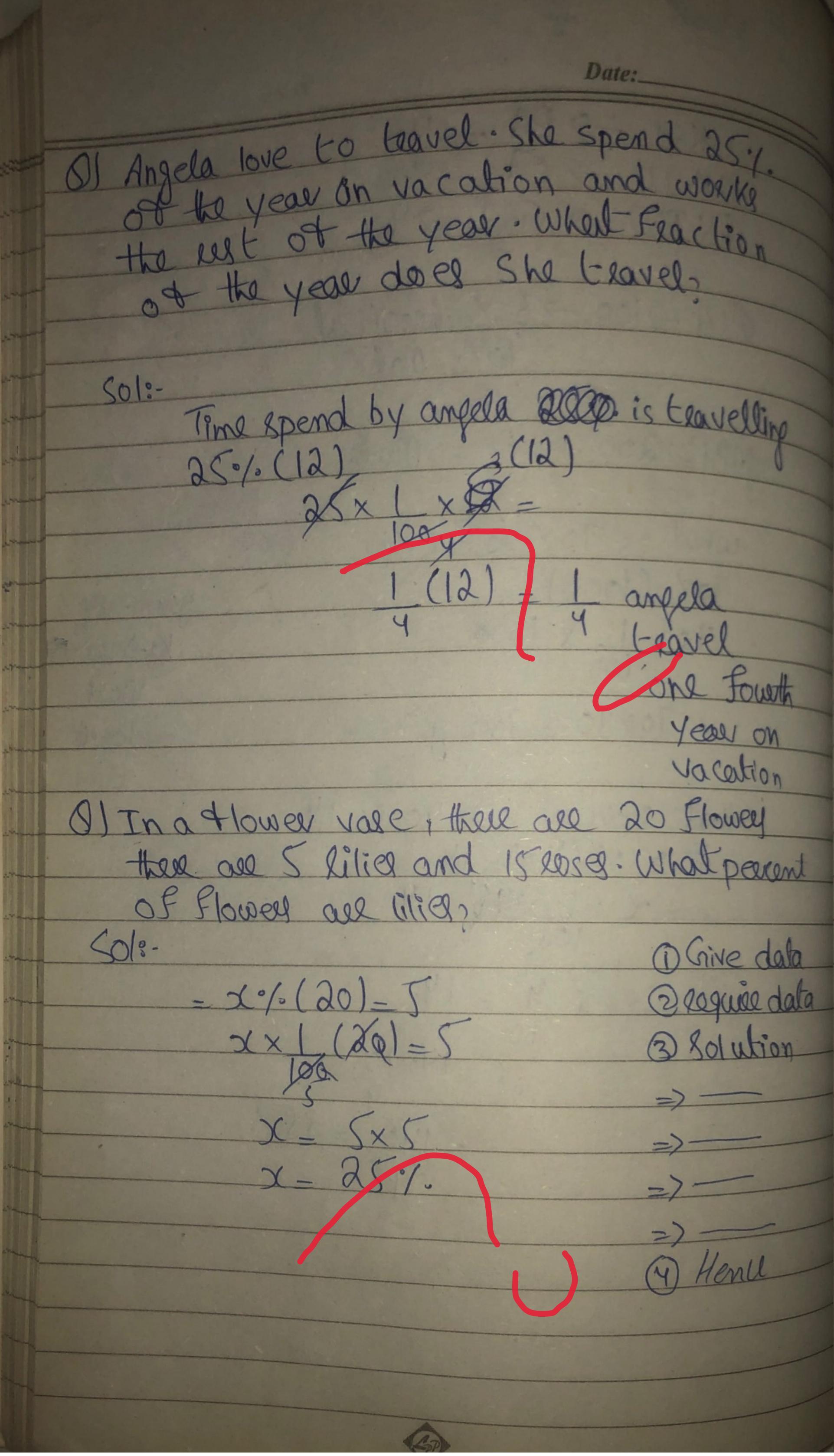


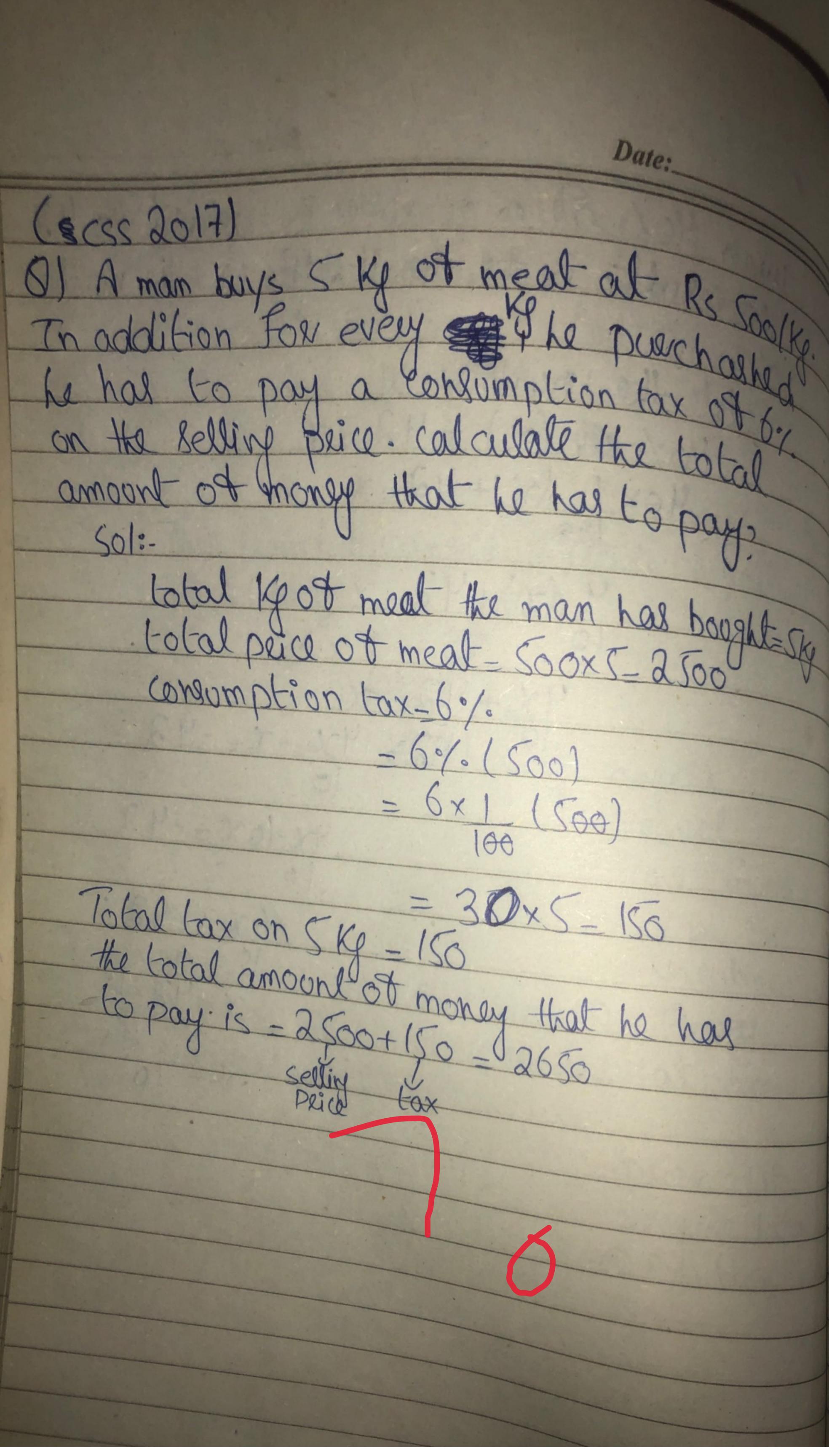
Date: simple flaction Change 200 100 -> multiplication 20x4=80 25%.(80) 20 25x10x80 what is the percentage eate of 5:4

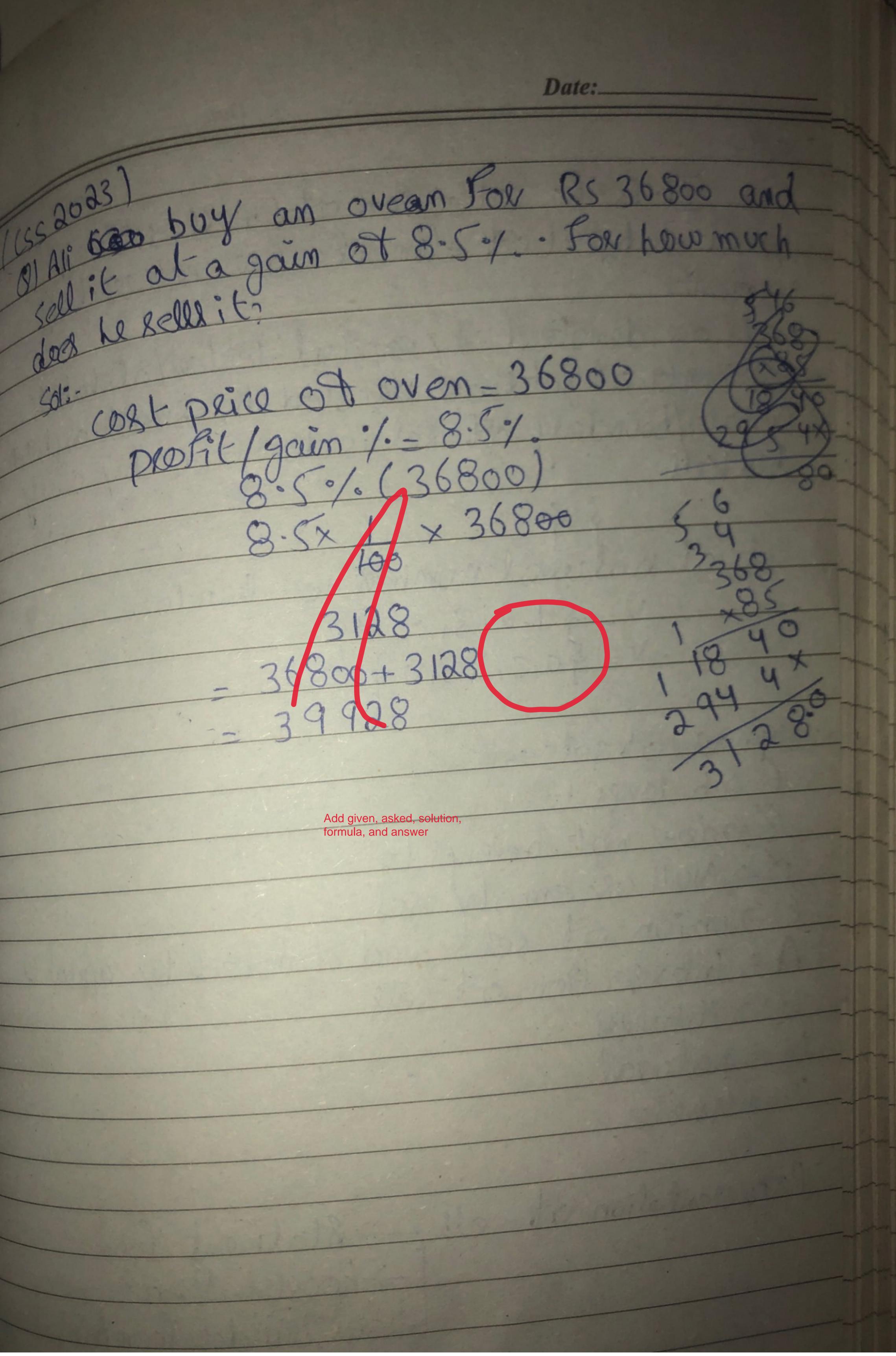
\[\times x 138 - 125% A Fruit seller has some apples. He selle 40%. ot apples and Still has 420 apples How many apples he had in total?





Date:_ Twhen 40% of a number is added to 42 the result is the no-itself. Find the number the number = x 40% (x) + 42 = x 40x1601+42=00 4 (x)+42-x 42 + 42 = x 10 422 42c -x = -42 40c-100c = -42 46x=442 10 7/2 x= yaxto





Date: This the collection of well defined object of elements are referred elements.

sets are denoted by capital letters/alphabas -> sets are denoted by small alphabets
-> elements of sets are denoted by small alphabet
-> Domain/boundary of set is denoted by area

blakely set of natural number less than to V-\$1,2,3,00.90 V= \$ a,e,i,0,000 Symbols of sets:-E-> belongs to &-does not belongs to Ø-) Null or empty set O-> union of sets and danot 1)-) Intersection of sett W-) whole Replesentation of sets -> Statment form -> Rooster Form Det builder Form/notation

Date: OStalment Form:-In the Form a well de Fined statment is written e.g set of vowell set of neutrilal number sel-of capital set in the weitten form a Roostee form N=9/1,2,3,00.96 E= \$0,2,4,6,80006 3 Set builder notation A mathematical notation for describing a set by numerating its property, which to element must salisfy. 5= of scheenent of A-4/12,3456

Date: set which has no element is called empty set. set of prime number less than a @ finite set:-A set which has limited number of elements is called finite let A= \$1,2,3,4,56 3) infinit set:-A set in which has unlimited number of elements is called infinitelet. A= \$1,2,3,4,5...6 Equal set Equivalentset -Two-sets can be called · Two self our be equal sets of they have set equivalent it they The same elements even have the same number though they could be It elements the element out of beder es com be different of A= fa,b, C, die 6

Date: universal set: A set containing all the element of pe set under discussion is halled universal set 1=\$1,2,3,44, operation on sett aunion of self. It is the combination of set A=\$1,2,3,4,5,6%

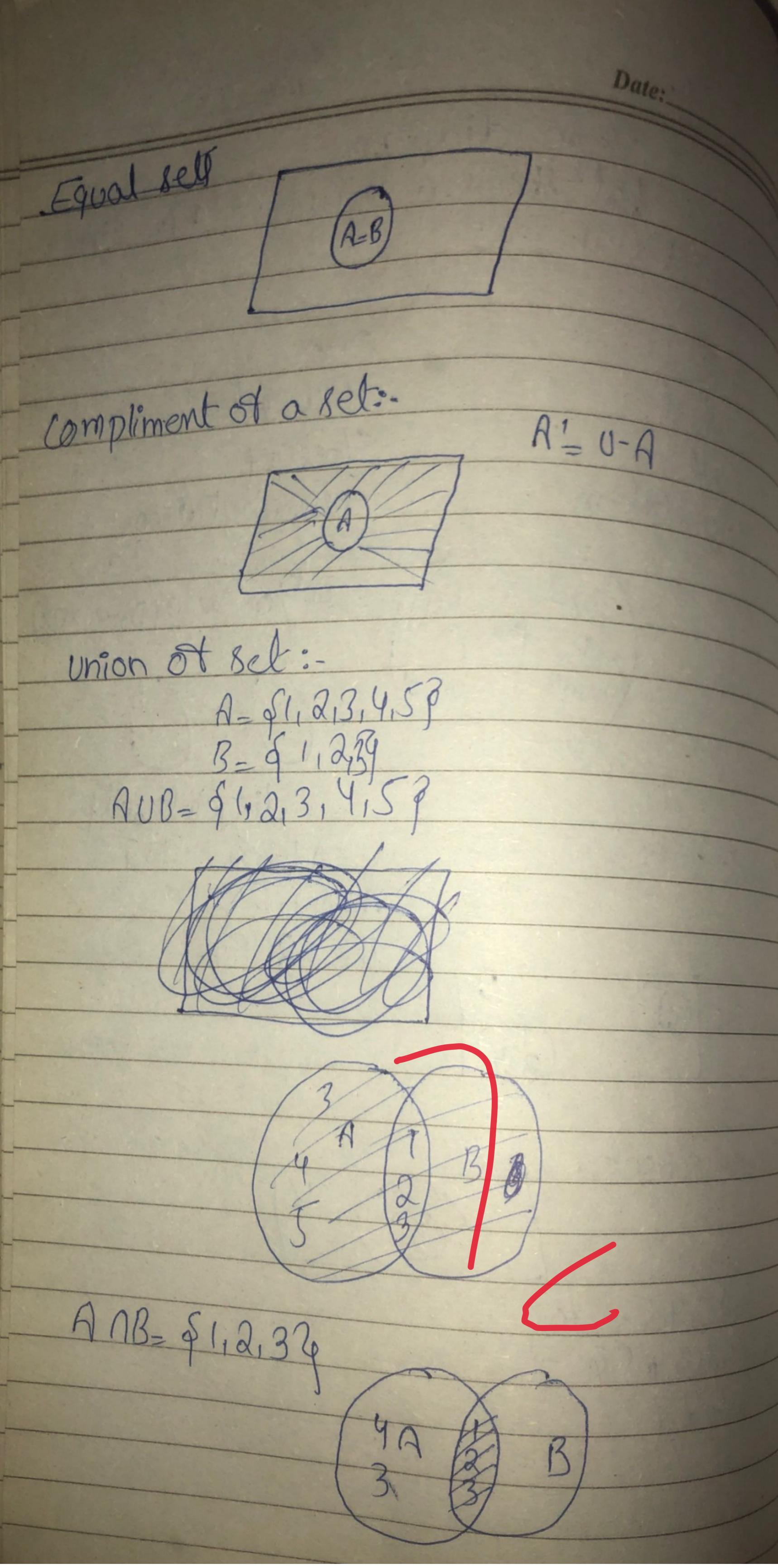
B=\$7,8,9%

AUB=\$1,2,3,...,9% @ intersection of sets:common element in both sets is called intellection of sets. A= \$1,2,3,43 ANB=\$2,43 B=\$2,4,6,83 3 complement of 8et:-When are subtract a se Universal set is carlled complement of

Date: when element of the set are completely

present another sets is called subset. imploped subset peoper Subset when all element of When few element of a set are present in another? setall plesent in another set is called set. imploper subset. A= 9 a1e,110,00 A-\$1,2,34 B= fare q B-9112136 B<A AKB Power set:it is the combination of all pollible subset of a set-it is denoted by P

A diagram that shows a connection blw fimite denonts of gety Date:_ Two wheel
handle
transportation Jointy over lapping sety There has disjoint self disjoint sets: PRODER Subset:-U=\$1,2,3,4,5.0-100



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