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tryclic eighteenthis; lit twelve of	多分日日級	原于
eighteen shares a or partials	等在置三之	省
ay I secondanly		
19: places - not quite places as in	數上。十分得	十经
place values, I think said has	得到八名雅	~ // The last
forgotten that 12 & 18 are 2-digit	得到八之幾	
numbers.	六置分二個	力卷
Mater Fa's Computational Classic:	4 4	3 47
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Now we have twelve eighteenths. We ask how much resulteth, upon reducing it?

Answer saith: two thirds.

method saith: put the eighteen so shares below, and the twelve shares above. Put secondarily the two places, and diminish the greater by the less with equal quantities we altain six as the common divisor of reducing them, we are done.

$$\frac{12}{18} = \frac{2}{3}$$

18-12=6 This is the subtraction-only version of 12-6=6 the Euclidean algorithm for gcd

Hence $\frac{12}{18} = \frac{12 \div 6}{16 \div 6} = \frac{2}{3}$ (greatest common divisor

To paraphrase: put a second copy of each number to the side, subtract the smaller from the greater, and you'll get six for an "equal quantity", which is the (common) divisor,

In my opinion this particular description of the algorithm is to lacks clarity; the mining that you get a qual quartities it I missry "keep subtracting until sefere the mention of equal inter A Letter description is found in (the AMT) Nine Chapters of Computational Methods, in (T) A), which has the some problem 18, in typs://dext.org/nine-chapter/fang-tian#n51071 along with 47.

https://dext.org/library.pl?if=en2fle=777472 page=13

Annotations here also by 手浮風 et al. Annotation pundention is mine.

Now we have twelve eighteenths. We ask how much resulteth, upon reducing it? Answer sails: two thirds. Anders also have puty-nine ninety firsts We ask how much resulteth, upon reducing it? 数之物 数而分配 The Med and of Replacing Fractions (Note: Reducing 多) 数, 日: 在京言了分 Trackers - where mumber of dejects cannot whe Tractions—where number of social control of social 之以可故同之二分校答一管分 have two fauths of Complicating it in speaking of it, it may also be four eights reducing it in speaking of it, one hant. Atthough different 於約多,丰者、陈分而分卷三 in their terms; as to the quartities they are, 之之更之。先貫之言之物分 thise do return the same value, a Rivisers 重即相不治相一了為了之 and disidently in calculation with each other have uneventers in their motions; therefore we 邊除滅可諸惟也亦數數七。 poertom the method, Arst administering if turto the fractions) saith: those which which the the the fight of the saith: habit habit then. These which say not be habited: but secondarily the full the states of the faction. **叭**某, 求 有则有别不 197 等所其 劉 異八難可 Diminish the greater by the lesser, 解分用。思 數八等電 further survivant them was each other ceting their long equal. Reduce STAR Line with the equal quantity, is to I in I/C climate them the equal quantity, is to I in I/C climate them with the equal quantity submacle is the climate than a the equal quantity to 197 至之影全 的租也。分 之诚以母、 於四有為 為釣四队 ere all reperted pillings of the equal equantity (1 think) (iranileles 主 the completed)

(it diminished) The fare we we the repregued quantity to reduce they they.

to inconsistencies. Reduce Rachons first

repeated pillings (1 think this mans multiples)