

2 Cū volueris diuidere \mathcal{R} . V. per \mathcal{R} . simplicem, aut per numerum, quadrabis diuisorem bis & \mathcal{R} . V. etiam bis, primo per modum \mathcal{R} . V. secundo per modum \mathcal{R} . d. deinde productum diuides per productum diuisoris, & \mathcal{R} . \mathcal{R} . V. erit prouentus, quam reduces ad \mathcal{R} . V. simplicem, accipiendo \mathcal{R} . primi numeri, & ponendo eam cum residuo. Exemplum volo diuidere \mathcal{R} . V. 13. \mathcal{P} . \mathcal{R} . 49. \mathcal{P} . \mathcal{R} . 25. per \mathcal{R} . 9. quadro \mathcal{R} . 9. bis primo fit 9. 2^o fit 81. quadro \mathcal{R} . V. 13. \mathcal{P} . \mathcal{R} . 49. \mathcal{P} . \mathcal{R} . 25. fit 13. \mathcal{P} . \mathcal{R} . 49. \mathcal{P} . \mathcal{R} . 25. quadro per modum \mathcal{R} . distinctæ, fit 169. \mathcal{P} . 49. \mathcal{P} . 25. diuido per 81. exit $2\frac{7}{81}$. \mathcal{P} . $\frac{49}{81}$. \mathcal{P} . $\frac{25}{81}$, cuius \mathcal{R} . \mathcal{R} . V. est prouentus: cape igitur \mathcal{R} . $2\frac{7}{81}$. & est $\frac{13}{9}$. quam semper inuenies: fiet igitur prouentus \mathcal{R} . V. $\frac{13}{9}$. \mathcal{P} . \mathcal{R} . $\frac{49}{81}$. \mathcal{P} . \mathcal{R} . $\frac{25}{81}$. posses & dimittere duas ex istis operationibus dicendo sic: diuide ce. primi numeri \mathcal{R} . V. per ce. diuisoris, deinde ce. ce. omnium aliorum numerorum \mathcal{R} . V. per ce. ce. diuisoris, & prouentum adde Primo, & \mathcal{R} . V. Totius est prouentus: vt in Exemplo superiore ce. \mathcal{R} . 13. est 13. ce. \mathcal{R} . 9. est 9. diuide 13. per 9. exit $\frac{13}{9}$. deinde reduces residuum \mathcal{R} . V. 13. \mathcal{P} . \mathcal{R} . 49. \mathcal{P} . \mathcal{R} . 25. ad ce. ce. & fiunt 49. \mathcal{P} . 25. similiter reduces \mathcal{R} . 9. ad ce. ce. fiet 81. diuide 49. & 25. per 81. exeunt $\frac{49}{81}$. & $\frac{25}{81}$. igitur \mathcal{R} . V. $\frac{13}{9}$. \mathcal{P} . \mathcal{R} . $\frac{49}{81}$. \mathcal{P} . \mathcal{R} . $\frac{25}{81}$. est prouentus.

3 Cū autem volueris diuidere \mathcal{R} . V. per \mathcal{R} . L. aut è contra, tunc multiplicabis diuidendum, per recisum diuidentis, ex 18. $\frac{1}{7}$. Euclidis: & productum pone ad partem: deinde multiplica diuidentem etiam per suam recisum, & productum est diuisor, diuide igitur Primum productum & exiens est prouentus. Exemplum volo diuidere \mathcal{R} . L. 7. \mathcal{P} . \mathcal{R} . 3. per \mathcal{R} . L. 5. \mathcal{P} . \mathcal{R} . 3. capio recisum diuisoris quod est L. \mathcal{R} . 5. \mathcal{M} . \mathcal{R} . 3. multiplico ex 8. regula capituli 17. In \mathcal{R} . L. 7. \mathcal{P} . \mathcal{R} . 3. fit L. \mathcal{R} . 35. \mathcal{P} . \mathcal{R} . 15. \mathcal{M} . \mathcal{R} . 21. \mathcal{M} . \mathcal{R} . 9. & hic est diuidendus, deinde multiplico \mathcal{R} . L. 5. \mathcal{M} . \mathcal{R} . 3. In \mathcal{R} . L. 5. \mathcal{P} . \mathcal{R} . 3. fit 2. diuisor: & quia diuidendum est ce. siue \mathcal{R} . ce. reduco 2. in \mathcal{R} . ce. quadrando, & fit \mathcal{R} . 4. diuido igitur \mathcal{R} . L. 35. \mathcal{P} . \mathcal{R} . 15. \mathcal{M} . \mathcal{R} . 9. \mathcal{M} . \mathcal{R} . 21. per \mathcal{R} . 4. tanquam simplicem numerum, per simplicem: quia sunt eiusdem naturæ exit \mathcal{R} . L. $8\frac{3}{4}$. \mathcal{P} . \mathcal{R} . $3\frac{3}{4}$. \mathcal{M} . \mathcal{R} . $5\frac{1}{4}$. & hic est prouentus: Item volo diuidere \mathcal{R} . V. 7. \mathcal{R} . 4. per \mathcal{R} . V. 3. \mathcal{P} . \mathcal{R} . 1. recisum diuisoris est \mathcal{R} . V. 3. \mathcal{M} . \mathcal{R} . 1. ex 19. regula 17. Cap. duc in diuidendum fit \mathcal{R} . \mathcal{R} . L. 441. \mathcal{M} . \mathcal{R} . 49. \mathcal{P} . \mathcal{R} . 36. \mathcal{M} . \mathcal{R} . 4. diuidendum: deinde multiplica (\mathcal{R} . 3. \mathcal{P} . \mathcal{R} . 1. in (\mathcal{R} . 3. \mathcal{M} . \mathcal{R} . 1. fit \mathcal{R} . 8. deinde diuide \mathcal{R} . \mathcal{R} . L. 441. \mathcal{M} . \mathcal{R} . 49. \mathcal{M} . \mathcal{R} . 4. \mathcal{P} . \mathcal{R} . 36. per \mathcal{R} . 8. exhibit per regulam præcedentem ducendo \mathcal{R} . 8. ad \mathcal{R} . \mathcal{R} . fit \mathcal{R} . \mathcal{R} . 64. diuisa igitur \mathcal{R} . \mathcal{R} . L. per \mathcal{R} . \mathcal{R} . 64. exit \mathcal{R} . \mathcal{R} . L. $6\frac{56}{64}$. \mathcal{P} . \mathcal{R} . $\frac{26}{64}$. \mathcal{M} . \mathcal{R} . $\frac{49}{64}$. \mathcal{M} . \mathcal{R} . $\frac{4}{64}$. \mathcal{R} . autem $6\frac{56}{64}$ est $\frac{21}{8}$. \mathcal{R} . $\frac{36}{64}$ est $\frac{9}{8}$. \mathcal{R} . $\frac{49}{64}$ est $\frac{7}{8}$. \mathcal{R} . $\frac{4}{64}$ est $\frac{1}{8}$. Totum igitur est $\frac{18}{8}$. cuius \mathcal{R} . est $1\frac{1}{2}$. & hic est

diuidendus \mathcal{R} . V. 7. \mathcal{P} . \mathcal{R} . 4.
diuisor \mathcal{R} . V. 3. \mathcal{P} . \mathcal{R} . 1.

prouentus vt vides In figura. Scio quòd in hac figura omnia clara sunt præter prouentum multiplicationis \mathcal{R} . \mathcal{R} . L. qui intermissis duabus

Tom. IV.

Recisum

\mathcal{R} . V. 7. \mathcal{P} . \mathcal{R} . 4. \mathcal{R} . V. 3. \mathcal{P} . \mathcal{R} . 1.
 \mathcal{R} . V. 3. \mathcal{M} . \mathcal{R} . 1. \mathcal{R} . V. 3. \mathcal{M} . \mathcal{R} . 1.

 \mathcal{R} . \mathcal{R} . L. 441. \mathcal{M} . \mathcal{R} . 49. \mathcal{R} . 8.
 \mathcal{P} . \mathcal{R} . 36. \mathcal{M} . \mathcal{R} . 4.

 \mathcal{R} . \mathcal{R} . 64.

\mathcal{R} . \mathcal{R} . L. $6\frac{56}{64}$. \mathcal{P} . \mathcal{R} . $\frac{26}{64}$. \mathcal{M} . \mathcal{R} . $\frac{49}{64}$.
 $\frac{49}{64}$. \mathcal{M} . \mathcal{R} . $\frac{4}{64}$.

operationibus describitur, pro quibus consule nonam regulam 17. capituli.

Cū volueris diuidere aliquam \mathcal{R} . V. vel ligatam per trinomium aut quadrinomialium ligatum, reduces diuisorem per sua recisa ad numerum simplicem per regulam 23. decimiseptimi capituli, deinde multiplicabis \mathcal{R} . diuidendam per eadem recisa, & productum diuide per numerum Primo productum, & exiens est prouentus: exemplum volo diuidere 10. per 3. \mathcal{P} . \mathcal{R} . 4. \mathcal{P} . \mathcal{R} . 81. multiplico diuisorem per suum recisum, & fit 13. \mathcal{P} . \mathcal{R} . L. 144. \mathcal{M} . \mathcal{R} . 81. duco Idem recisum in 10. fiet 30. \mathcal{P} . \mathcal{R} . 400. \mathcal{M} . \mathcal{R} . 81000. & hoc est diuidendum: iterum duco 13. \mathcal{P} . \mathcal{R} . 144. \mathcal{M} . \mathcal{R} . 81. in suum recisum quod est 13. \mathcal{P} . \mathcal{R} . L. 144. \mathcal{P} . \mathcal{R} . 81. fit \mathcal{R} . 97344. \mathcal{P} . 157. \mathcal{M} . 81. quod est dicere \mathcal{R} . 97344. \mathcal{P} . 76. deinde duco 30. \mathcal{P} . \mathcal{R} . 400. \mathcal{P} . \mathcal{R} . 81000. in idem recisum per 9. multiplicationes in crucem fiunt 390. \mathcal{P} . \mathcal{R} . L. 67600. \mathcal{P} . \mathcal{R} . 57600. \mathcal{P} . \mathcal{R} . 129600. \mathcal{P} . \mathcal{R} . 72900. \mathcal{P} . \mathcal{R} . 32400. \mathcal{M} . \mathcal{R} . 23134410000. \mathcal{M} . \mathcal{R} . 16796160000. \mathcal{M} . \mathcal{R} . 5314410000. Et hoc est diuidendum per \mathcal{R} . 97344. \mathcal{P} . 76. multiplica eam in suum recisum & fit 97344. \mathcal{M} . 5776. quod est dicere 91568. & hic est diuisor: deinde multiplicabis \mathcal{R} . 97344. \mathcal{M} . 76. In \mathcal{R} . L. superiorem cum numero & \mathcal{R} . & fiet productum. L. numerus & \mathcal{R} . & \mathcal{R} . constans ex 18. partibus, quæ quidem erit diuidenda per 91568. & exiens est prouentus qualis videlicet $1\frac{1}{2}$.

Cum autem diuisor fuerit \mathcal{R} . V. trinomialis, aut quadrinomialis quadrabis RV. per modum suum, & similiter diuidendum quadrabis, & habebis \mathcal{R} . trinomialem aut quadrinomialem. L. diuidendam, quare per præcedentem regulam sequeris diuisionem, & quod exhibit non erit prouentus sed bene \mathcal{R} . eius quod exit erit prouentus, & hoc bene caue. Exemplum volo diuidere 20. per \mathcal{R} . V. 25. \mathcal{M} . \mathcal{R} . 16. \mathcal{M} . \mathcal{R} . 9. \mathcal{M} . \mathcal{R} . 4. quadrabis vtrumque fiet diuidendus 400. & diuisor 25. \mathcal{M} . \mathcal{R} . L. 16. \mathcal{M} . \mathcal{R} . 9. \mathcal{M} . \mathcal{R} . 4. vnde per præcedens Capitulum & nonam regulam 17. Capituli exhibit \mathcal{R} . L. ex tot partibus quæ iunctæ facient 25. cuius \mathcal{R} . est 5. prouentus talis diuisionis.

CAPVT XXII.

De Diuisione Denominationum

Q Vm diuisor fuerit tantum vna denominatio, diuides numerum per numerum & exiens erit numerus talis denominationis diminutæ à denominatione diuisi, p. quantum distat diuisor à numero

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