

$$\begin{array}{r}
 64bq \text{ --- } 72q \\
 72q \text{ --- } 81 \\
 \hline
 64bq \text{ --- } 144q \text{ --- } 81
 \end{array}$$

Divisionis exempla.

$$\begin{array}{r}
 9 \text{ --- } 4(3 \text{ --- } 1\frac{1}{2}) \quad 18 \text{ --- } 12(4\frac{1}{2} \text{ --- } 3) \\
 3 \quad 3 \quad \quad \quad 4 \quad 4
 \end{array}$$

Atque hæc numeratio est communis: numeratio irrationalium magis hic peculiaris est ac primo simplicium. Additio & subductio simplicium irrationalium symmetrorum numeros reducit ad quadratos per communem divisorem, & é reductorum lateribus totum vel reliquum primo per se pro suo genere multiplicatum rursus per communem divisorem multiplicat, factique latus invenit.

Additionis exempla in quadratis.

$$\begin{array}{r}
 127 \text{ ad } 112 \\
 3)9 \quad 4 \\
 \quad 3 \quad 2 \\
 \quad \quad 5 \\
 \quad \quad 25 \\
 \quad \quad 175
 \end{array}
 \qquad
 \begin{array}{r}
 1\frac{2}{16} \text{ ad } 1\frac{25}{16} \\
 \frac{2}{16})9 \quad 25 \\
 \quad 3 \quad 5 \\
 \quad \quad 8 \\
 \quad \quad 64 \\
 \quad \quad 1\frac{64}{16} \text{ id est } \frac{8}{4} \text{ vel } 2.
 \end{array}$$

Si latus ad idem latus addendum sit, reductio erit eadem, ut 17 ad 17, sic:

$$\begin{array}{r}
 17 \quad 17 \\
 7)1 \quad 1 \\
 \quad 1 \quad 1 \\
 \quad \quad 2 \\
 \quad \quad 4 \\
 \quad \quad 128
 \end{array}$$

Additionis exempla in biquadratis.

$$\begin{array}{r}
 1132 \text{ ad } 1162 \\
 2)16 \quad 81 \\
 \quad 4 \quad 9 \\
 \quad 2 \quad 3 \\
 \quad \quad 5 \\
 \quad \quad 625 \\
 \quad \quad 11250
 \end{array}
 \qquad
 \begin{array}{r}
 11\frac{81}{16} \text{ ad } 11\frac{625}{16} \\
 \frac{81}{16})81 \quad 625 \\
 \quad 9 \quad 25 \\
 \quad \quad 3 \quad 5 \\
 \quad \quad \quad 8 \\
 \quad \quad \quad \frac{4006}{10} \\
 \quad \quad \quad 11256, \text{ id est } 4
 \end{array}$$

Subductio