

ILLUSTRATIO per numeros. Sit igitur AB quinq; pedum: AD , decem: DE , sex. Queritur BC quot pedum? R. Trium. Nam

$$\frac{AD}{DE} = \frac{10}{6} \text{ ad } \frac{AB}{BC} = \frac{5}{3} \text{ ita}$$

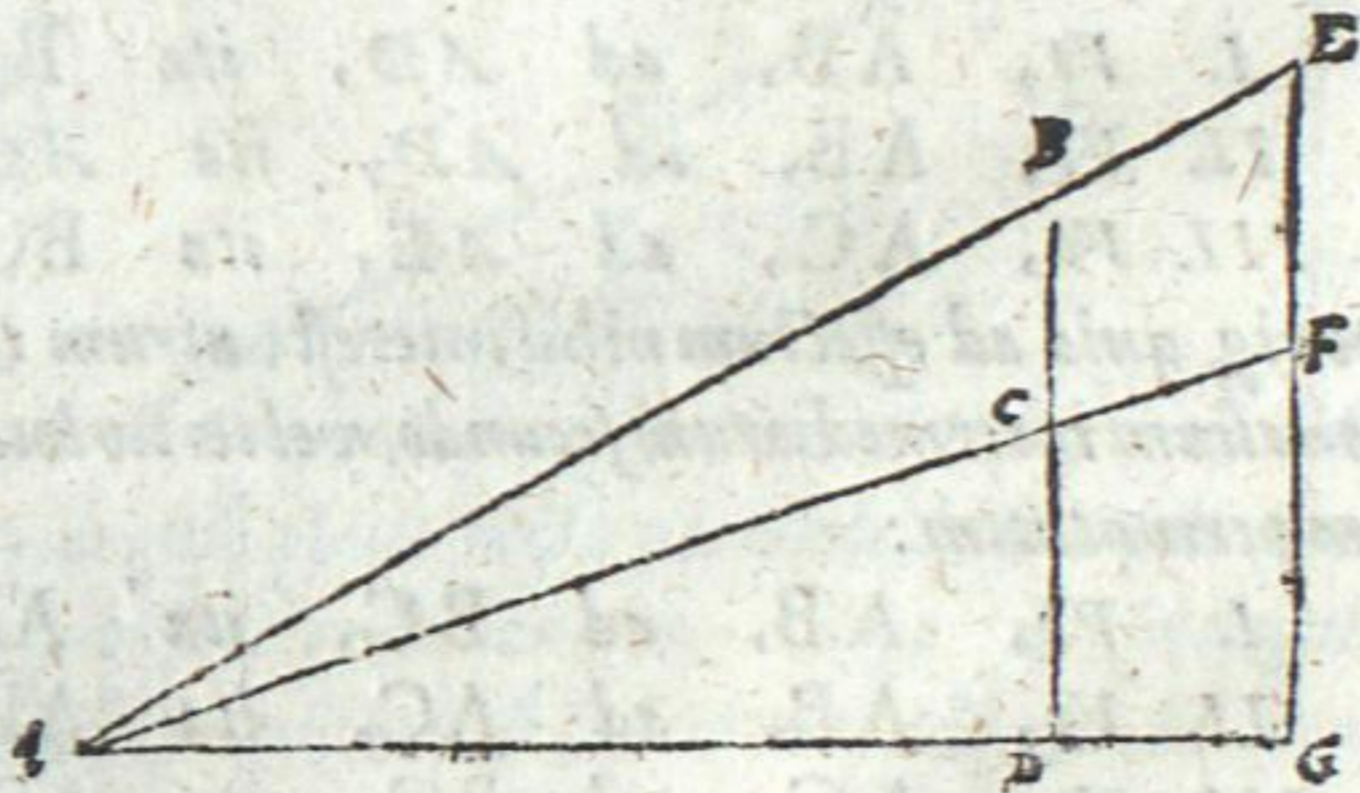
$$\frac{30}{10} \text{ (ad 3. BC.)}$$

Sit AC quatuor pedum; BC , trium: DE , sex. Queritur AE , quot pedum? R. Octo. Nam,

$$\frac{BC}{CA} = \frac{3}{4} \text{ ad } \frac{DE}{AE} = \frac{6}{8} \text{ ita}$$

$$\frac{24}{3} \text{ (ad 8. AE.)}$$

XLVII. Si plura Triangula plana cōponantur, & rectis parallelis intersecantur: intersegmenta sunt proportionalia: hoc est, si (verbi gratia) Triangula duo EAF & FAG componantur, & rectis parallelis BCD & EFG intersecantur: intersegmenta sunt:



Vt.