

Bizonyítandó, hogy ha

$$\frac{x(y+z-x)}{{}^a\log x} = \frac{y(x+z-y)}{{}^a\log y} = \frac{z(x+y-z)}{{}^a\log z},$$

akkor

$$x^y y^x = z^x x^z = y^z z^y.$$