

Lösungen

$$\frac{2 * 11^{-1} * 11^{-3} * 11^0}{3 * 11^{-6}} = \frac{2}{3} * 11^{-1-3+0+6} = \frac{2}{3} * 11^2$$

$$\frac{(a + b)^0}{(a + b)^{-1}} = \frac{1}{(a + b)^{-1}} = \frac{a + b}{1}$$

$$\begin{aligned} \frac{(1 + x)^{-s-1} * (1 + x)^{-2}}{(1 + x)^{-2-s} * (1 + x)^s} &= (1 + x)^{-2+(-s-1)-(-2-s)-s} = \\ &= (1 + x)^{-1-s} = \frac{1}{(1 + x)^{s+1}} \end{aligned}$$