$2mx(mx - n) - 2(mx - n)^2 = mn(m + n) - 2n^2$ $x = ?$

Lösung:

$2mx(mx - n) - 2(mx - n)^2 = mn(m + n) - 2n^2$ umformen

$2m^2x^2 – 2mnx – 2m^2x^2 + 4mnx – 2n^2 = m^2n + mn^2 – 2n^2$ umformen

$2mnx = = m^2n + mn^2$ teilen

$x = \frac{m^2n+mn^2}{2mn} = \frac{m+n}{2}$