

$$a) \left(\frac{x+1}{1+x} \right)^2 = \left(\frac{1+x}{1+x} \right)^2 = 1^2 = 1$$

Observera att $x+1 = 1+x$

$$b) \left(\frac{b-a}{a-b} \right)^3 = \left(\frac{-(a-b)}{a-b} \right)^3 = (-1)^3 = -1$$

Observera att $b-a = -(a-b)$