a) $\dfrac{1}{\dfrac{1}{x} - \dfrac{1}{1+x}} \cdot \dfrac{1}{x} + \dfrac{\dfrac{1}{1+x} - \dfrac{1}{x}}{x} : \dfrac{x}{1} = $ _____

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_____

b) $(x+1)^3 \, (x-1)^3 = $ _____

_____

_____

_____

c) Factoriser complètement $x^3 + 6x^2 + 11x + 6$ _____

_____

_____

_____

d) $\dfrac{x+1}{(x-1)^2} - \dfrac{x-1}{x^2-1} = $ _____

_____

_____

_____

e) Factoriser $1 + z^4$ _____

_____

f) Factoriser $0.1 \, x^2 + x - 0.0010001$ _____

_____

g) Factoriser $10^5 \cdot x^2 - 10^6 \cdot x + 2.5 \cdot 10^6$ _____

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