

Nom

Prénom

Date

a) $\frac{1}{\frac{1}{x} - \frac{1}{1+x}} \cdot \frac{1}{x} + \frac{\frac{1}{1+x} - \frac{1}{x}}{x} : \frac{x}{1} = \underline{\hspace{10cm}}$

b) $(x+1)^3 (x-1)^3 = \underline{\hspace{10cm}}$

c) Factoriser complètement $x^3 + 6x^2 + 11x + 6 = \underline{\hspace{10cm}}$

d) $\frac{x+1}{(x-1)^2} - \frac{x-1}{x^2-1} = \underline{\hspace{10cm}}$

e) Factoriser $1 + z^4 = \underline{\hspace{10cm}}$

f) Factoriser $0.1x^2 + x - 0.0010001 = \underline{\hspace{10cm}}$

g) Factoriser $10^5 \cdot x^2 - 10^6 \cdot x + 2.5 \cdot 10^6 = \underline{\hspace{10cm}}$
