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| Technique de calcul 2.2 | | 1MR |
| Nom | Prénom | Date |

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

b) $(x+1)^4 (x-1)^2 =$ _____

c) Factoriser complètement $x^3 - 4x^2 - 7x + 10$ _____

d) $\frac{x+1}{x^2+2x+1} - \frac{x-1}{x^2-2x-3} =$ _____

e) Factoriser $50y^9 - 3.2x^6$ _____

f) Factoriser $x^2 - 0.3x - 0.1$ _____

g) Factoriser $x^3 + 2x^2 - 4x - 5$ _____
