

Math 14 014 Other types of Equations – HW: Please show all work on this paper

1	Solve for x: $\frac{1}{x-1} + \frac{x}{x+3} = \frac{4}{x^2+2x-3}$
2	Solve for x: $x + \sqrt{x+1} = 5$
3	Solve for x: $3(2x+1)^2 + 5(2x+1) - 2 = 0$