

Written HW10 – MATH 1530 Fall 2020

**Due by 11 November for timely completion credit**

Solve the given equation using the techniques we used in class. Full credit given only to solutions that solve them entirely symbolically.

1.  $\frac{1}{x+1} = 2 - x$

2.  $\frac{5}{3x-4} = \frac{2}{x+1}$

3.  $\sqrt{2-x} = x$

4.  $\sqrt{x} + \sqrt{x-1} = 2$