

Alg 2 Hwk #38 Solving Rational Equations Fall 2019 Name:

Find the EXACT solutions to each equation. Show your work and circle your answers

1  $\frac{x+3}{8x} - \frac{5}{6} = \frac{2x-1}{3x}$

2  $\frac{x}{3x+10} = \frac{-2}{2x+7}$

3.  $\frac{2}{x^2+4x-5} = \frac{x}{x^2+7x+10}$

4.  $\frac{4x}{x+4} - \frac{15}{x^2+3x-4} = \frac{-3}{x-1}$