

Name _____ Per. _____ Date _____

Hmwk. 8.6 A

Solve each equation. Check each solution. Show all work on a separate sheet of paper.

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

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

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

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

5. $x + \frac{x}{4} - \frac{x}{5} = 21$

6. $\frac{3}{x+4} + \frac{5}{4} = \frac{18}{x+4}$