

Lesson 8-6 **A**

Solve each equation. Check each solution.

$$55. \frac{x}{4} = \frac{x+1}{3} \quad -4$$

$$56. \frac{2}{x^2-1} = \frac{4}{x+1} \quad \frac{3}{2}$$

$$57. \frac{3x}{5} + \frac{4}{x} = \frac{4x+1}{5} \quad -5, 4$$

$$58. \frac{3x}{x-2} = 4 + \frac{x}{5} \quad -8, 5$$

$$59. x + \frac{x}{4} - \frac{x}{5} = 21 \quad 20$$

$$60. \frac{3}{x+4} + \frac{5}{4} = \frac{18}{x+4} \quad 8$$