9-6 Solving Rational Equations and Inequalities
Day 1

Objective: To solve rational Equations (today) and Inequalities (tomorrow)

$$Ex 1) \frac{5}{24} + \frac{2}{3 \cdot x} = \frac{1}{4} \frac{34}{3 \cdot x} = \frac{3}{4} \frac{3}{28} + \frac{3}{2 \cdot 2} = \frac{3}{4} \frac{3}{28} = \frac{3$$

Ex 3
$$\frac{p^2 - p + 1}{p + 1} = \frac{p^2 - 7}{p^2 - 1} + \frac{p}{p}$$
 $\frac{p + 1}{p^2 - 1}$ $\frac{p^2 - p}{p^2 - 1} = \frac{p^2 - 7}{p^2 - 1} + \frac{p}{p}$ $\frac{p^2 - p}{p^2 - 1} = \frac{p^2 - 7}{p^2 - 1} + \frac{p^3 - p}{p^2 - 2}$ $\frac{p^2 - p - 1}{p^2 - 2} = \frac{p^2 - 7}{p^2 - 2} + \frac{p^3 - p}{p^2 - 2}$ $\frac{p^2 - 1}{p^2 - 2} = \frac{p^2 - 7}{p^2 - 2} + \frac{p^3 - p}{p^2 - 2}$ $\frac{p^2 - 1}{p^2 - 2} = 0$ $\frac{p^2 - 1}{p^2 -$