

8-6B Solving Rational Inequalities

Rational Inequalities

- find all the excluded values.
- solve the related equation.
- plot excluded values and solutions on the number line.
- pick points in each region to determine the solutions.
- state your solutions using set builder notation.

Solve the following inequality.

$$1. \quad \frac{x}{3} - \frac{1}{x-2} < \frac{x+1}{4}$$

Solve the following inequality.

$$2. \quad \frac{1}{3k} + \frac{2}{9k} < \frac{2}{3}$$

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25-30 all

Attachments

9-2HW.notebook