

Inequalities Overview (21/6/23)

Q1 [Practice/E]

Briefly describe possible methods for solving the inequality

$$\frac{1}{x} < x ?$$

Q2 [Practice/M]

Solve the following inequality $\frac{x}{x-1} \leq \frac{3}{x+2}$ ($x \neq 1, x \neq -2$)

Q3 [Practice/H]

Solve the inequality $|x^2 - 3| > 3x + 1$

Q4 [Practice/M]

Solve $\frac{x-2}{x-1} < 3$