

Number:

Textbook Section:

Title:

Solve the rational inequality. Give the solution in interval notation.

1. $\frac{x+12}{x-2} \geq 0$

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

3. $\frac{z-5}{z^2+2z-8} \leq 0$

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