

Solve each of the following by graphing.

1. $\frac{x-4}{x+7} \leq 0$

2. $0 > \frac{2x^2 + 9x - 5}{x - 7}$

$$3. \frac{x^2 + 5x + 6}{x^2 - 2x - 8} > 0$$

$$4. \frac{x^2 + 4x + 4}{x^2 - 9} \geq 0$$

$$5. \frac{6}{x+5} + \frac{3}{x-2} > 0$$

$$6. \frac{x+3}{x^2-6x-7} \leq \frac{x-1}{x^2-9x+14}$$