

A full graph is not needed to do this so we use a sign chart.

(A sign chart shows only the items related to the signs of the function.)

What are the important items in a graph?

$$(x+3)(x-2)(x+2)^2 \ge 0$$











$$\frac{x-2}{x} < \frac{x-4}{x-6}$$

$$\frac{x-5}{(2x-3)(x+2)} \ge 0$$

$$\frac{\sqrt{x-3}}{(2x+1)(x-4)} < 0$$