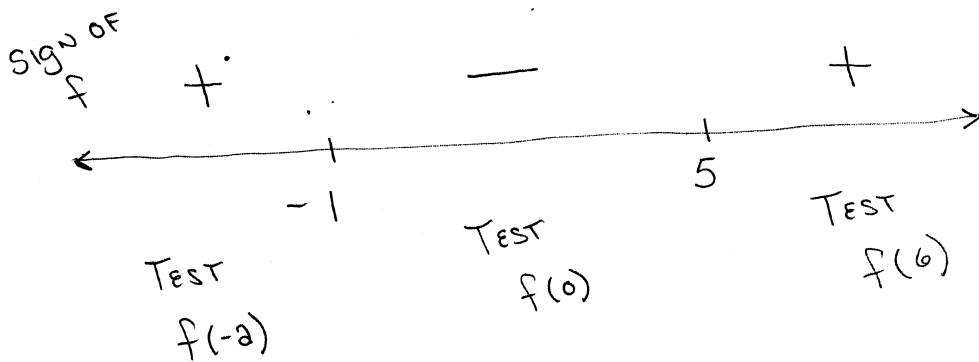


- Solve and graph the solution set on a number line: $\overbrace{(x+1)(x-5)(x^2+9)}^{f(x)} < 0$

From now on, I'm only going to use the
SIGN CHART APPROACH.

NOTICE THAT $x^2 + 9$ HAS NO REAL ZEROS. SO THE
ZEROS OF f ARE $x = -1$ AND $x = 5$



$$f(x) < 0 \text{ on } (-1, 5)$$