

Extra curve-sketching example

$$y = \frac{(x+1)^3}{(x+2)x(x-3)^2}$$

Zero: $-1, -1, -1$

Poles: $-2, 0, 3, 3$

$$|x| \gg 1 \quad y \approx \frac{x^3}{x^4} = \frac{1}{x}$$

