MATHEMATICS

Monday October 10 2016

Third Exercise Class

Study domain, sign and intersection with axes of the following functions

- $y = \frac{x^2+6x+5}{x^2+4x}$

- $y = \sqrt{\frac{x^2-x}{x^2-5x+6}}$

- $y = x - 2 - \sqrt{x^2 - 2x - 3}$

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

- $y = \sqrt{\ln(x^2 - 3)}$

- $y = x \ln\left(\frac{x-2}{x+2}\right)$

- $y = \ln(4x^2 - 3x)$