

**MATHEMATICS**  
**Monday October 19 2015**  
**Weekly test IV**

**Ex.1** Study domain and axis-intercepts of the following function

$$y = \log\left(\frac{2 - 3x}{x + 2}\right)$$

**Ex.2** Study domain and axis-intercepts of the following function

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