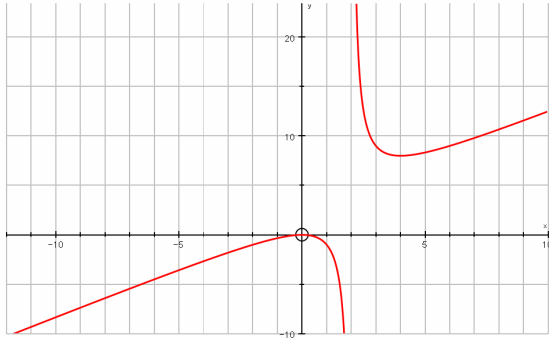


Determine the critical points and inflection points for each of the following. Label these points on the graphs shown below.

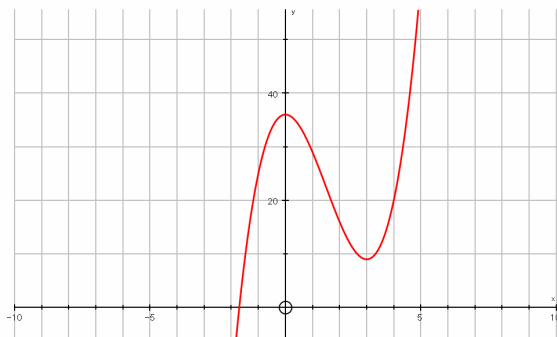
Question #1

$$y = \frac{x^2}{x-2}$$



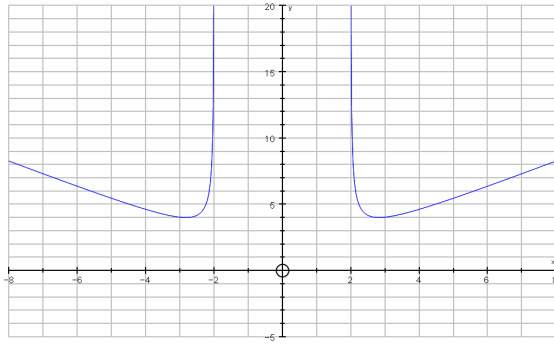
Question #2

$$y = 2x^3 - 9x^2 + 36$$



Question #3

$$y = \frac{x^2}{\sqrt{x^2 - 4}}$$



Question #4

$$y = (x^2 - 9)e^{0.1x}$$

