Hausangadon 27,03-160hv

a)
$$f(x) = \frac{1}{2}x^2 - 3x$$

 $f(x) = \frac{1}{2}(x^2 - 6x + 0)$
 $\frac{6}{2} + \sqrt{(\frac{-6}{2})^2} + 0$
 $x_1 = 0$
 $x_2 = 6$

$$X_{1} = 0$$

$$X_{2} = 6$$

$$\begin{cases} (\frac{1}{2}x^{2} - 3x) dx & \frac{3}{3}x^{3} - \frac{3}{2}x^{2} + C \\ 0 & = (36 - 54) - (6 - 0) \\ = -18 - 0 = -18 \text{ FE} \end{cases}$$

b)
$$f(x) = \frac{1}{2}x^{4} + x^{3}$$

 $f(x) = (\frac{1}{2}x + 1) \cdot x^{3} = 0$
 $f(x) = \frac{1}{2}x + 1 = 0$ $1 - 1$
 $\frac{1}{2}x = -1$ $1 : \frac{1}{2}$
 $x = -2$





