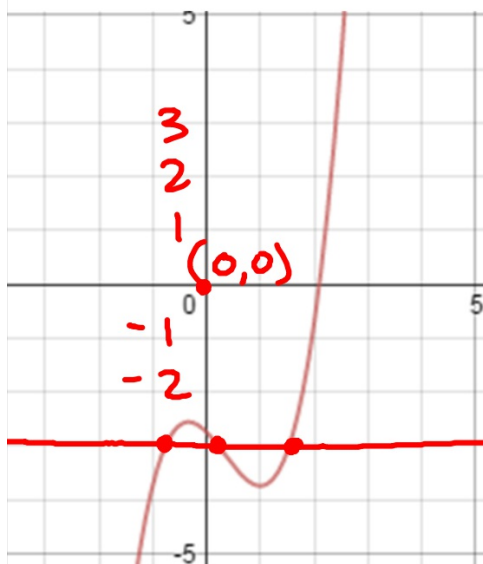**Polynomial Quiz tomorrow.**

6. The function $f(x) = x^3 - x^2 - x - \dfrac{11}{4}$ is graphed in the xy-p

Horizontal li

below. If k is a constant such that the equation $f(x) = k$ has three real

solutions, which of the following could be the value of k?

A) 2   B) 0

Crosse

C) -2   D) -3

in 3

places

$k = -3$

3
2
1
(0,0)
-1
-2
-5
5