Bell Work Wednesday 09/12
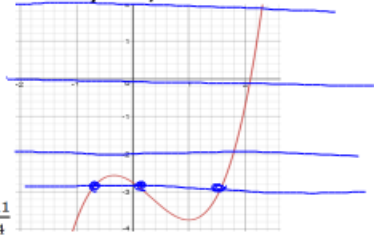

The function $f(x) = x^3 - x^2 - x - \frac{11}{4}$
Is graphed in the xy-plane. If k is a constant such that the
function f(x)=k has three real solutions, which of the following
could be the value of k?

A. 2
B. 0
C. -2
D. -3

(handwritten annotations)

HOY

intersection

$f(x) = k$
$y = k$

$f(x) = k$ H. line

$y = 2$
$y = 0$
$y = -2$
$y = -3$ } Horizontal lines.