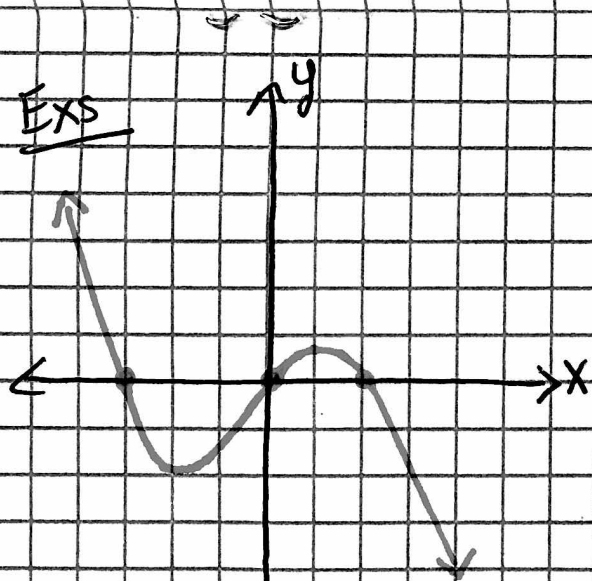


Zeros: The number "k" is said to be a zero of a polynomial if $f(k) = 0$.

• "k" is also referred to as the root or solution.

• "k" is also the x-intercept of the graph.

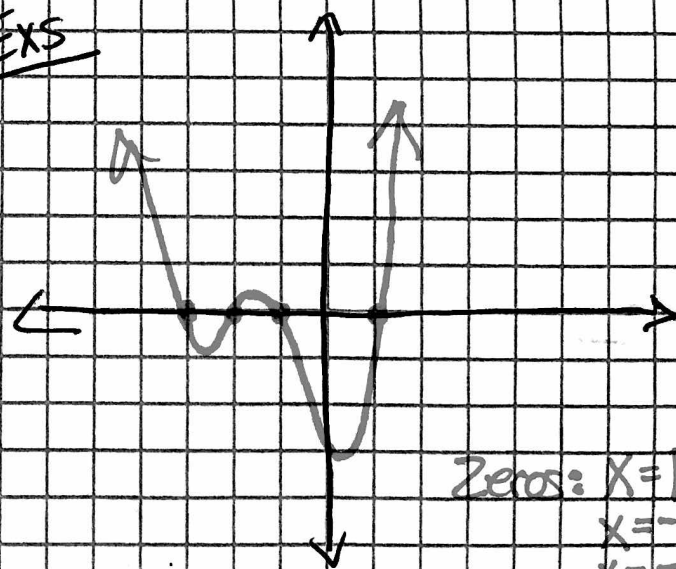
Exs



Zeros: $x = -3$
 $x = 0$
 $x = 2$

Factored form:
 $y = (x+3)(x-2)(x)$

Exs



Zeros: $x = 1$
 $x = -1$
 $x = -2$
 $x = -3$

Factored form:
 $y = (x-1)(x+1)(x+2)(x+3)$

Zeros