

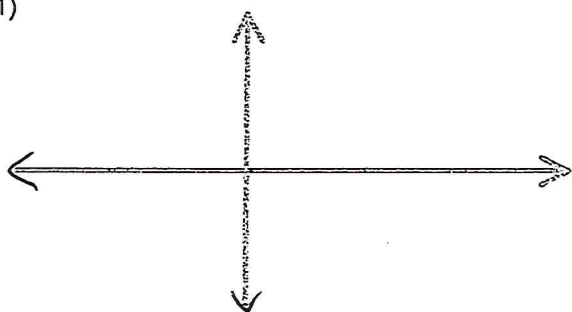
Name _____

Graphing Polynomial Functions from Factored Form

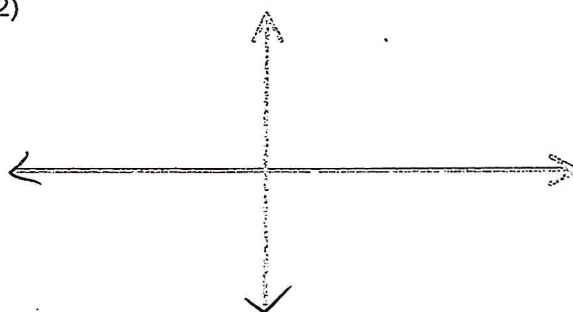
Sketch the graph of each polynomial function.

Function	^a Positive or Negative	ⁿ Even or Odd	Zeros	Multiples?
1) $f(x) = (x+1)^2(x-2)(x-3)$				
2) $f(x) = -2(x+3)^3(x-2)^2$				

1)

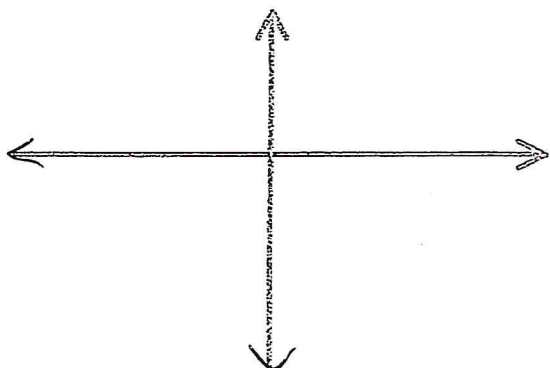


2)



Function	^a Positive or Negative	ⁿ Even or Odd	Zeros	Multiples?
3. $f(x) = (x-1)^3(x+4)^2$				
4. $f(x) = x(x+3)(x+1)(x-1)(x-3)$				

3)



4)

