maximum (reverse (xs)) = maximum (xs)

<u>base</u>

maximum (reverse [ ]) = maximum [ ]

<u>left</u>

maximum (reverse (xs)) = maximum (reverse xs' ++ [x])

= maximum (reverse xs') `max` maximum [x]

= maximum (xs') `max` maximum [x]

= maximum (xs') `max` x

<u>right</u>

maximum (xs) = maximum (x:xs') = maximum (xs') `max` x