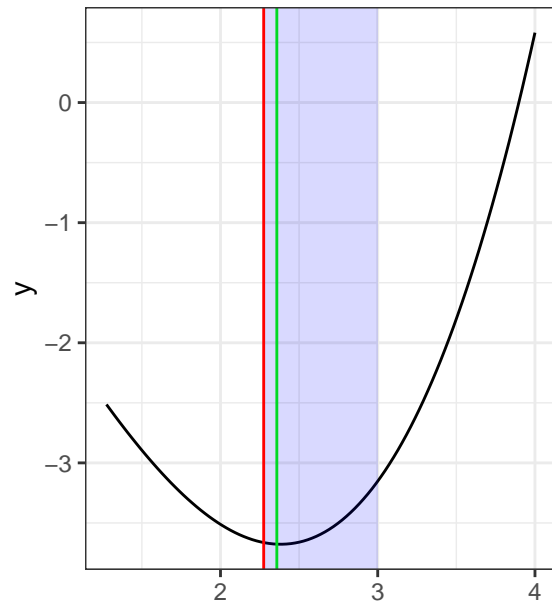
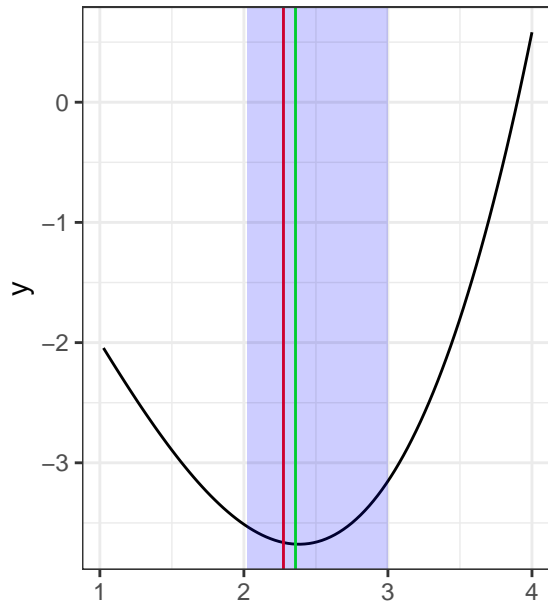
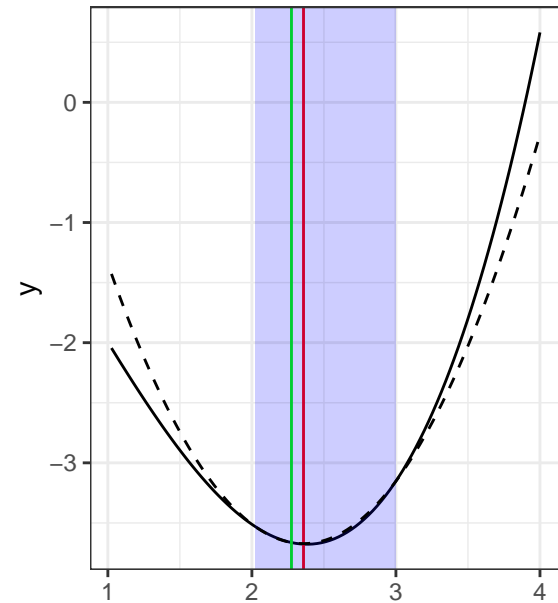


Define x_{new} via parabola

Switch x_{new} and x_{best}

x_{new} is the new left boundary



| x_{best} | x_{new}