Option Explicit

Public Sub FalsePosition()
    Dim fxL As Double
    Dim fxR As Double
    Dim fxNew As Double
    Dim xL As Double
    Dim xR As Double
    Dim xNew As Double

    xL = InputBox("Enter the left bound")
xR = InputBox("Enter the right bound")

    fxL = Funct(xL)
    fxR = Funct(xR)

    Do
        xNew = (xL * fxR - xR * fxL) / (fxR - fxL)
        fxNew = Funct(xNew)
        If fxNew > 0 And fxL > 0 Or fxNew < 0 And fxL < 0 Then
            xL = xNew
            fxL = fxNew
        Else
            xR = xNew
            fxR = fxNew
        End If
        Loop Until Abs(fxNew) <= 0.005
    Range("A1").Value = xNew
    Range("b1").Value = fxNew

End Sub

Public Function Funct(x As Double) As Double
    Funct = 16.32 * x ^ 2.63 - 13.4 * x ^ 0.47 - 61.487
End Function