Solving Quadratic Equations Outline

I  Factoring Method

II  Calculator

A. Solve \( f(x) = g(x) \)

\[
\begin{align*}
Y_1 &= f(x) \\
Y_2 &= g(x)
\end{align*}
\]
Intersection of two graphs

B. Solve \( f(x) - g(x) = 0 \)

\[
\begin{align*}
Y_1 &= f(x) - g(x) \\
Y_2 &= 0
\end{align*}
\]
Intersection of two graphs

C. Solve \( f(x) - g(x) = 0 \)

\[
Y_1 = f(x) - g(x)
\]
Find the Zero(s) of the function

III  Square Root Method

IV  Complete the Square

V  Quadratic Formula