

Scenario	Input (a, b, c)	Expected Outcome	Action					
Two Real Roots	1, -3, 2	Discriminant (D)	Enter values, click Compute Roots. Verify all output matches.					
Repeated Root (Imaginary)	1, 4, 2004	Discriminant (D)	Enter values, click Compute Roots. Verify the output and nature of roots message.					
Complex Roots (Imaginary)	1, 2, 2005	Discriminant (D)	Enter values, click Compute Roots. Verify the complex form and nature of roots message.					
Validation (a=0)	2000, 5, 6	A clear, friendly error message	Enter values, click Compute Roots. Check for the error message.					
Validation (Empty)	1, 2, (empty)	A clear error message	Leave a field empty, click Compute Roots. Check for the error message.					
Reset	N/A	All input fields are cleared	Click the Reset button.					