```
Jacobi Iterations:
Iteration 1: x = [-1.0, 1.0, 1.0]
Iteration 2: x = [-1.0, -1.0, 0.333333]
Iteration 3: x = [-0.333333, -1.0, -1.0]
Iteration 4: x = [1.0, -0.333333, -0.777778]
Iteration 5: x = [0.777778, 1.0, 0.111111]
Iteration 6: x = [-0.111111, 0.777778, 0.925926]
Iteration 7: x = [-0.925926, -0.111111, 0.481481]
Iteration 8: x = [-0.481481, -0.925926, -0.382716]
Iteration 9: x = [0.382716, -0.481481, -0.777778]
Iteration 10: x = [0.777778, 0.382716, -0.193416]

Gaussâ\200\223Seidel Iterations:
Iteration 1: x = [-1.0, -1.0, -1.0]
Iteration 2: x = [1.0, 1.0, 1.0]
Iteration 3: x = [-1.0, -1.0, -1.0]
Iteration 4: x = [1.0, 1.0, 1.0]
Iteration 5: x = [-1.0, -1.0, -1.0]
Iteration 6: x = [1.0, 1.0, 1.0]
Iteration 7: x = [-1.0, -1.0, -1.0]
Iteration 8: x = [1.0, 1.0, 1.0]
Iteration 9: x = [-1.0, -1.0, -1.0]
Iteration 10: x = [1.0, 1.0, 1.0]
```