```
Jacobi Method Solution:
[1.00000000e+00 1.00000000e+00 3.00000000e+00 2.00000000e+00
 3.00000000e+00 3.00000000e+00]
Iterations: 45
Residual norm: 1.0569323194431385e-11

Gauss-Seidel Method Solution:
[1. 1. 3. 2. 3. 3.]
Iterations: 24
Residual norm: 2.220446049250313e-16

SOR Method Solution (ω=1.1):
[1. 1. 3. 2. 3. 3.]
Iterations: 18
Residual norm: 1.1102230246251565e-16

Conjugate Gradient Method Solution:
[1. 1. 3. 2. 3. 3.]
Iterations: 6
Residual norm: 2.220446049250313e-16
```