

# Factor Problem Report

Report generated on: 2025-08-14 10:32:53factorization problem: 35

## 0.1 Grover's Circuit Visualization

The corresponding grover circuit for the Factor is shown below:



Figure 1: Corresponding Grover Visualization for the Factor Problem

Most Probable Solution for Grover's Algorithm:  
 $35 = 5 \cdot 7$