1. \( D(24) = \{ 1, 2, 3, 4, 6, 8, 12, 24 \} \)
   Calculate \( \mu(24) \) for \( d \mid 24 \).

2. Verify the Möbius Inversion Formula for 24.
   That is: if \( F(n) = \sum_{d \mid n} \mu(d) F(n/d) \),
   show that \( F(24) = \sum_{d \mid 24} \mu(d) F(\frac{24}{d}) \).