

Za stepene klase ostataka $[5]_{13}$ imamo sljedeće:

$$\begin{aligned}([5]_{13})^2 &= [25]_{13} = [\text{mod}(25, 13)]_{13} = [12]_{13} \\ ([5]_{13})^3 &= ([5]_{13})^2 ([5]_{13}) = ([12]_{13}) ([5]_{13}) = [60]_{13} = [\text{mod}(60, 13)]_{13} = [8]_{13} \\ ([5]_{13})^4 &= ([5]_{13})^3 ([5]_{13}) = ([8]_{13}) ([5]_{13}) = [40]_{13} = [\text{mod}(40, 13)]_{13} = [1]_{13}\end{aligned}$$

Odavde slijedi ord $[5]_{13} = 4$.