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Carmichael numbers - 561 (contd)

Canonical name	CarmichaelNumbers561contd
Date of creation	2015-07-13 10:29:34
Last modified on	2015-07-13 10:29:34
Owner	akdevaraj (13230)
Last modified by	akdevaraj (13230)
Numerical id	1
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Entry type	Definition

Any natural number multiple of $(12 + i)$, $(22 + i)$, $(34 + i)$ and $(56 + i)$ is a valid base for pseudoprimality of 561 in $\mathbb{Z}(i)$. 40 is the order of these bases (mod 561).