Size of operands	Mul.	Div. Gcd.	CRT
$l \times 1$	l	3l	9l + O(1)
$l \times l$	$m_{\alpha}l^{\alpha}$	$d_{\alpha}l^{\alpha}$	$2(m_{\alpha}+d_{\alpha})l^{\alpha}+O(l)$