

Input table:

Input Variable	Input Condition
$a(0)$	first term of GP
r	common ratio of GP
$\frac{a(0)}{r}, a(0), a(0).r$	$\frac{a(0)}{r} + a(0) + a(0).r = 56$
$\frac{a(0)}{r} - 1, a(0) - 7, a(0).r - 21$	form an AP