chrem_exists_aux[2,24]

$\forall r,\ s{:}\mathbb{N}^{+}.\ \mathrm{CoPrime}(r,s) \Rightarrow (\exists x{:}\mathbb{Z}.\ (x = 1 \bmod r)\ \&\ (x = 0 \bmod s))$

http://www.nuprl.org/FDLcontent/p0_399846_/p83_7928_{chrem_exists_aux}.html