rng_times_nat_op[6,26]

$\forall r{:}\mathrm{Rng},\ a,\ b{:}|r|,\ n{:}\mathbb{N}.\ \ (a * (n \cdot_r b)) = (n \cdot_r (a * b)) \in |r|$

http://www.nuprl.org/FDLcontent/p0_400045_/p79_153441_{rng_times_nat_op}.html