qmul_over_plus_qrng[11,40]

$\forall a,\ b,\ c{:}\mathbb{Q}.$
$(a * (b + c)) = ((a * b) + (a * c)) \in \mathbb{Q}\ \&\ ((b + c) * a) = ((b * a) + (c * a)) \in \mathbb{Q}$