

## sum\_plus\_q<sup>11,40</sup>

$\forall a, b: \mathbb{Z}.$

$(a \leq b)$

$\Rightarrow (\forall E, F: \{a..b\} \rightarrow \mathbb{Q}).$

$\Sigma_{a \leq i < b} E(i) + F(i) = (\Sigma_{a \leq i < b} E(i) + \Sigma_{a \leq i < b} F(i)) \in \mathbb{Q}$