

Q: $\text{Sum}(\text{R}(\text{a},\text{b}) * \text{S}(\text{b},\text{c}) * \text{T}(\text{c},\text{d}) * \text{a} * \text{d})$
MapMemo

ON $\text{R}(\text{a},\text{b})$: $\text{a} * \text{Sum}(\text{S}(\text{c},\text{d}) * \text{d})$

ON $\text{T}(\text{c},\text{d})$: $\text{d} * \text{Sum}(\text{R}(\text{a},\text{b}) * \text{a})$

Q_R: $\text{Sum}([\text{b}], \text{S}(\text{b},\text{c}) * \text{T}(\text{c},\text{d}) * \text{d})$
MapMemo

ON $\text{S}(\text{b},\text{c})$:
 $\text{Sum}(\text{R}(\text{a},\text{b}) * \text{a}) * \text{Sum}(\text{T}(\text{c},\text{d}) * \text{d})$

Q_T: $\text{Sum}([\text{c}], \text{R}(\text{a},\text{b}) * \text{S}(\text{b},\text{c}) * \text{a})$
MapMemo

Q_S1: $\text{Sum}(\text{R}(\text{a},\text{b}) * \text{a})$
MapMemo

Q_S2: $\text{Sum}(\text{T}(\text{c},\text{d}) * \text{d})$
MapMemo

ON $\text{S}(\text{b},\text{c})$:
 $\text{Sum}([\text{c}], \text{T}(\text{c},\text{d}) * \text{d})$

ON $\text{T}(\text{c},\text{d})$:
 $\text{Sum}([\text{b}] \text{S}(\text{b},\text{c}) * \text{d})$

ON $\text{R}(\text{a},\text{b})$:
 $\text{Sum}([\text{c}], \text{S}(\text{b},\text{c}) * \text{d})$

ON $\text{S}(\text{b},\text{c})$:
 $\text{Sum}([\text{a}], \text{R}(\text{a},\text{b}) * \text{a})$

Q_RS: $\text{Sum}([\text{c}], \text{T}(\text{c},\text{d}) * \text{d})$
MapMemo

Q_RT: $\text{S}(\text{b},\text{c})$
MapMemo

Q_TR: $\text{S}(\text{b},\text{c})$
MapMemo

Q_TS: $\text{Sum}([\text{b}], \text{R}(\text{a},\text{b}) * \text{a})$
MapMemo