sum_difference[4,23]

$\forall n{:}\mathbb{N}, f, g{:}(\mathbb{N}_{<n} \to \mathbb{Z}), d{:}\mathbb{Z}.$
$\text{sum}(f(x){-}g(x) \mid x < n) = d \Rightarrow \text{sum}(f(x) \mid x < n) = \text{sum}(g(x) \mid x < n){+}d$