# Report templates: calc arithmetic operators

This example demonstrates the available arithmetic operators that can be used with the 'calc' report templates feature to perform arithmetic operations on data.For example, to insert the sum of two data fields, the template '{{calc ds.a + ds.b)}}' can be used. The data source used in this demo is a list of pairs of random decimal values. Please see this sample source code for full details.

## Pairs of data values and results of arithmetic operations on them:

a = **11972.39**, b = **318960**{​{ calc ds.a + ds.b }} : **330932.39**{​{ calc ds.a - ds.b }} : **-306987.61**{​{ calc ds.a \* ds.b }} : **3818713514.3999996**{​{ calc ds.a / ds.b }} : **0.03753570980687233**

a = **14362.78**, b = **66233.92**{​{ calc ds.a + ds.b }} : **80596.7**{​{ calc ds.a - ds.b }} : **-51871.14**{​{ calc ds.a \* ds.b }} : **951303221.4976**{​{ calc ds.a / ds.b }} : **0.2168493122557143**

a = **14891.03**, b = **116113.38**{​{ calc ds.a + ds.b }} : **131004.41**{​{ calc ds.a - ds.b }} : **-101222.35**{​{ calc ds.a \* ds.b }} : **1729047824.9814003**{​{ calc ds.a / ds.b }} : **0.12824559925824225**

a = **17357.71**, b = **10618.27**{​{ calc ds.a + ds.b }} : **27975.98**{​{ calc ds.a - ds.b }} : **6739.439999999999**{​{ calc ds.a \* ds.b }} : **184308851.3617**{​{ calc ds.a / ds.b }} : **1.6347022631746977**

a = **11660.22**, b = **16988.17**{​{ calc ds.a + ds.b }} : **28648.39**{​{ calc ds.a - ds.b }} : **-5327.949999999999**{​{ calc ds.a \* ds.b }} : **198085799.59739998**{​{ calc ds.a / ds.b }} : **0.6863729289264235**

a = **12778.3**, b = **18987.15**{​{ calc ds.a + ds.b }} : **31765.45**{​{ calc ds.a - ds.b }} : **-6208.850000000002**{​{ calc ds.a \* ds.b }} : **242623498.845**{​{ calc ds.a / ds.b }} : **0.6729972639390324**