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```
  T W O
+ T W O
-------
F O U R
```

Variables :- F, T, U, W, R, O, $X_1$, $X_2$, $X_3$

Domains :- (0, 1, 2, 3, 4, 5, 6, 7, 8, 9) (Same domain for all)

Sample constraints

alldif (F, T, U, W, R, O)

or a binary constraint for all eg. F ≠ T, F ≠ U

A unary constraint : F ≠ 0

An n-ary constraint : O + O = R + 10 * $X_1$

can add constraints to restrict the $X_i$'s to 0 or 1

```
  T W O          7 6 5
+ T W O        + 7 6 5
-------        -------
F O U R        1 5 3 0
```