

# F\_CROSSDIFF

## function from adhoc

Entrypoint crossdiff **compatible with UTF-8**

## Inputs/Outputs

Input	INTEGER	natural number
Output	INTEGER	cross diff from input

## Syntax

The alternate cross sum (also called cross diff) is to alternate addition and subtraction the digits of a number starting right.

i.e. 12345:  $5-4+3-2+1 = 3$

Test-SQL

```
SELECT 3 AS ISCORRECT, F_CROSSDIFF(12345) FROM RDB$DATABASE;
```

```
SELECT NULL AS ISCORRECT, F_CROSSDIFF(NULL) FROM RDB$DATABASE;
```

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Last update: 2023/04/18 16:01

