chop

```
=LAMBDA(text; [vertical]; [len];
   LET(
      oVert; IF(ISOMITTED(vertical); 0; 1);
      l; IF(ISOMITTED(len); 1; len);
      total; LEN(text);
      parts; SEQUENCE(1; ROUNDUP(total / l; 0));
      split; MID(text; (parts - 1) * l + 1; l);
      IF(oVert; TOCOL(split); split)
   )
)
```

dPathMap

```
=LAMBDA(dMap, row, col, [diagonalsDefTRUE],
   LET(
      diag, IF(ISOMITTED(diagonalsDefTRUE), 1, diagonalsDefTRUE),
      rdirs, IF(diag, {-1,1,0,0,-1,-1,1,1}, {-1,1,0,0}),
      cdirs, IF(diag, {0,0,-1,1,-1,1,-1,1}, {0,0,-1,1}),
      cs, COLUMNS(dMap),
      rs, ROWS(dMap),
      na, HSTACK(0, 0, 0),
      lSeq, (INT(SEQUENCE(rs, cs, 0, 1) / cs) + 1) & "|" & (MOD(SEQUENCE(rs, cs, 0, 1), cs) +
1),
      iMap, IF(ISNUMBER(XMATCH(lSeq, row & "|" & col)), 0, "X"),
      fx, LAMBDA(lfx, pMap, frontier, n,
         LET(
            lr, TOCOL(rdirs + INDEX(frontier, 0, 1)),
            lc, TOCOL(cdirs + INDEX(frontier, 0, 2)),
            d, TOCOL(INDEX(pMap, INDEX(frontier, 0, 1), INDEX(frontier, 0, 2)) + SEQUENCE(,
COUNTA(rdirs), 0, 0)),
            nFrontier, IF(NOT((lr>=1)*(lr<=rs)*(lc>=1)*(lc<=cs)), na,
IF(NOT(ISNUMBER(INDEX(dMap, lr, lc))), na, IF(INDEX(dMap, lr, lc)+d < INDEX(pMap, lr, lc),
HSTACK(lr, lc, d + INDEX(dMap, lr, lc)), na))),
            snFrontier, SORT(nFrontier, 3, 1),
            pos, XMATCH(UNIQUE(INDEX(snFrontier, 0, 1) & "|" & INDEX(snFrontier, 0, 2)),
INDEX(snFrontier, 0, 1) & "|" & INDEX(snFrontier, 0, 2)),
            fsnFrontier, FILTER(INDEX(snFrontier, pos, SEQUENCE(,3)), INDEX(snFrontier, pos,
1)>0, 0),
            npMap, IFERROR(INDEX(fsnFrontier, XMATCH(lSeq, HSTACK(INDEX(fsnFrontier, 0,
1) & "|"  & INDEX(fsnFrontier, 0, 2))), 3), pMap),
            IF(SUM(fsnFrontier) = 0, pMap, lfx(lfx, npMap, fsnFrontier, n + 1))
```

```
            )
        ),
        res, fx(fx, iMap, HSTACK(row, col, IF(row, 1)), 1),
        res
    )
)
```