

[3.11] Store anything in a matrix

Matrices can hold more than just numbers. In fact, they can hold expressions, strings and variables. In most programs, this makes matrices a better data structure than a data variable, since you cannot directly write to the items in a data variable.

This tip from an anonymous poster: Lists can be saved in a matrix as strings. Use this to store the list:

```
string(list)→M[j,k]
```

where *list* is the list and *M* is the matrix. Use this to extract the list:

```
expr(M[j,k])→list
```