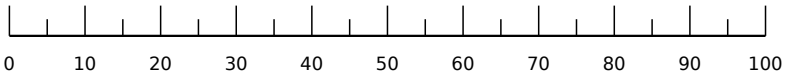
Seed tile template

Lay it over a punched tile to get the grid and its values back. Print at 100 % ("actual size"), not "fit to page".

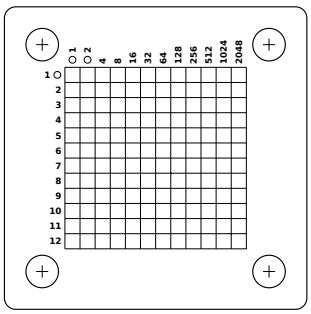
1. Check the print scale: this bar must measure exactly 100 mm.

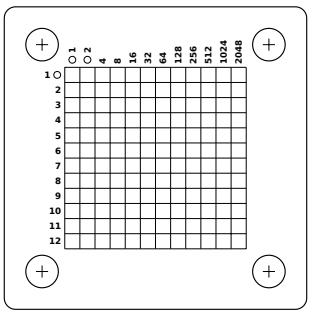


2. Cut out the overlay for your tile, or print this page on clear film.

Each type is printed twice. Line the outline and the holes up with the tile; every dot then sits in a cell.

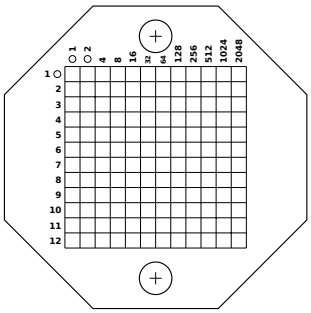
Classic, square (four equal holes)

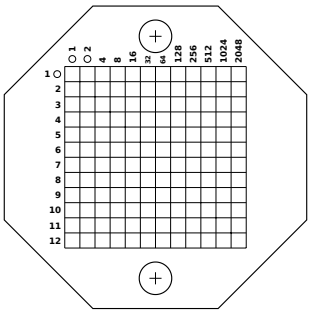




Turn the tile so the single marker dot is left of row 1 and the two dots are above the first columns.

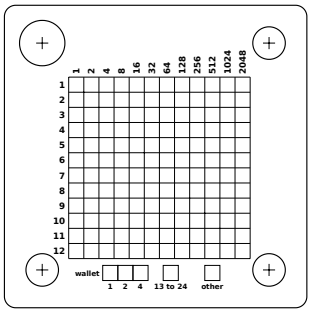
Classic, octagonal (two holes)

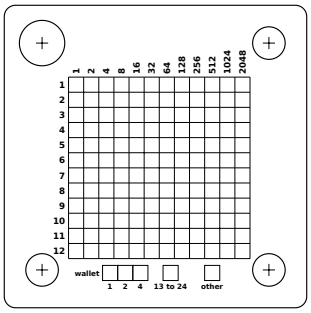




Turn the tile so the single marker dot is left of row 1 and the two dots are above the first columns.

Version 2 (square, large hole top left)





The large hole is the top left corner.
ID cells: wallet number = sum of 1, 2, 4.

3. Read each row: add the values of the columns that have a dot. Rows are words 1 to 12.

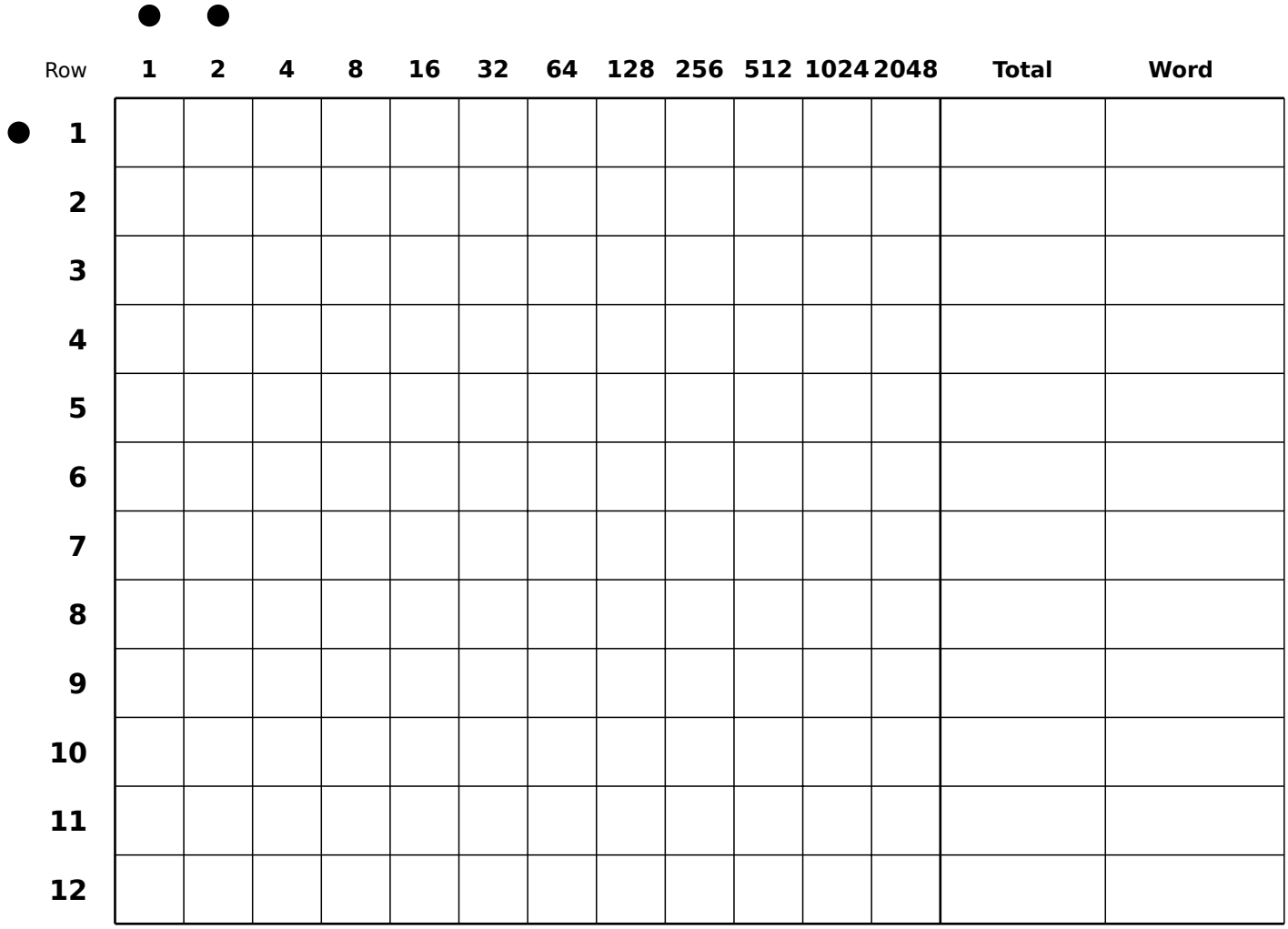
The total is the position of the word in the BIP39 English list, counting from 1 (1 = abandon, 2048 = zoo).

The cells are small. For easier reading, copy the dots to the large grid on the next page.

Reading worksheet

Copy the dots from the tile, row by row. Add up the values in each row, then look the word up.

A filled-in worksheet is your seed phrase. Work offline and destroy this sheet afterwards.



Row	1	2	4	8	16	32	64	128	256	512	1024	2048	Total	Word
1														
2														
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														

Classic tiles: the single marker dot is left of row 1, the two dots are above the columns with values 1 and 2.

Version 2 tiles: the large hole is top left. A second tile with the "13 to 24" ID cell punched holds words 13 to 24.

Example: dots under 1, 4, 64 and 512 give 581, the 581st word in the list.

If a row is blank or totals more than 2048, check the tile orientation and grid alignment.
Also look for a missing or extra punch.

Check the backup before relying on it

Compare every decoded word, in order, with your original offline backup.
If your hardware wallet has a built-in backup check, use it.
When restoring, verify that you recovered the wallet you expected.
A misread phrase can pass the checksum and restore a different wallet.
Never enter recovery words on a website.