

< Back 1-liner Python

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37 Solution:

```
def validWordSquare(self, words):
    return map(None, *words) == map(None, *map(None, *words))
```

Or saving some work but taking two lines:

```
def validWordSquare(self, words):
    t = map(None, *words)
    return t == map(None, *t)
```

Explanation:

The `map(None, ...)` transposes the "matrix", filling missing spots with `None`. For example:

```
[ "abc",      [ ('a', 'd', 'f'),
  "de",      ('b', 'e', None),
  "f"        ('c', None, None)]
=>
```

And then I just need to check whether transposing it once more changes it.

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Post

sherlock321 ★ 1094 September 21, 2017 4:55 PM

I was doing this problem, searching for 'padded zip' and found a page about `map(None, *)`'s usage, and I immediately thought 'this is something Stefan would do'. and voila here's the your top solution!

Slightly more readable for me: