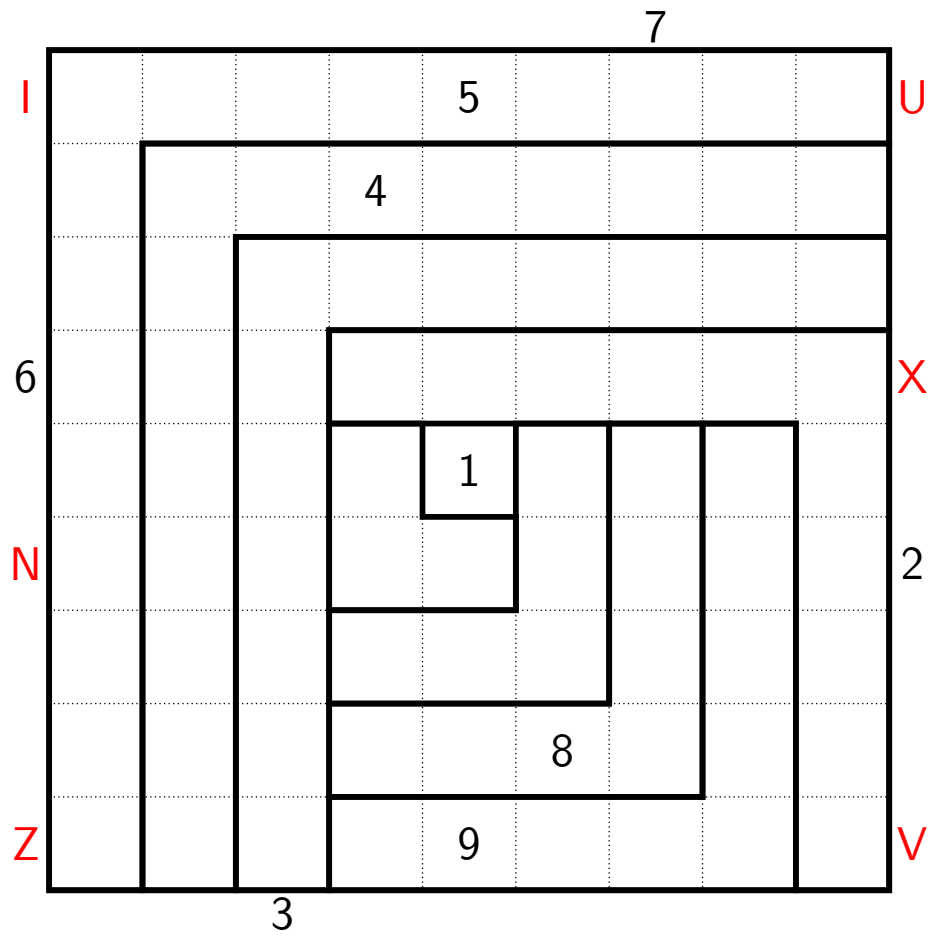


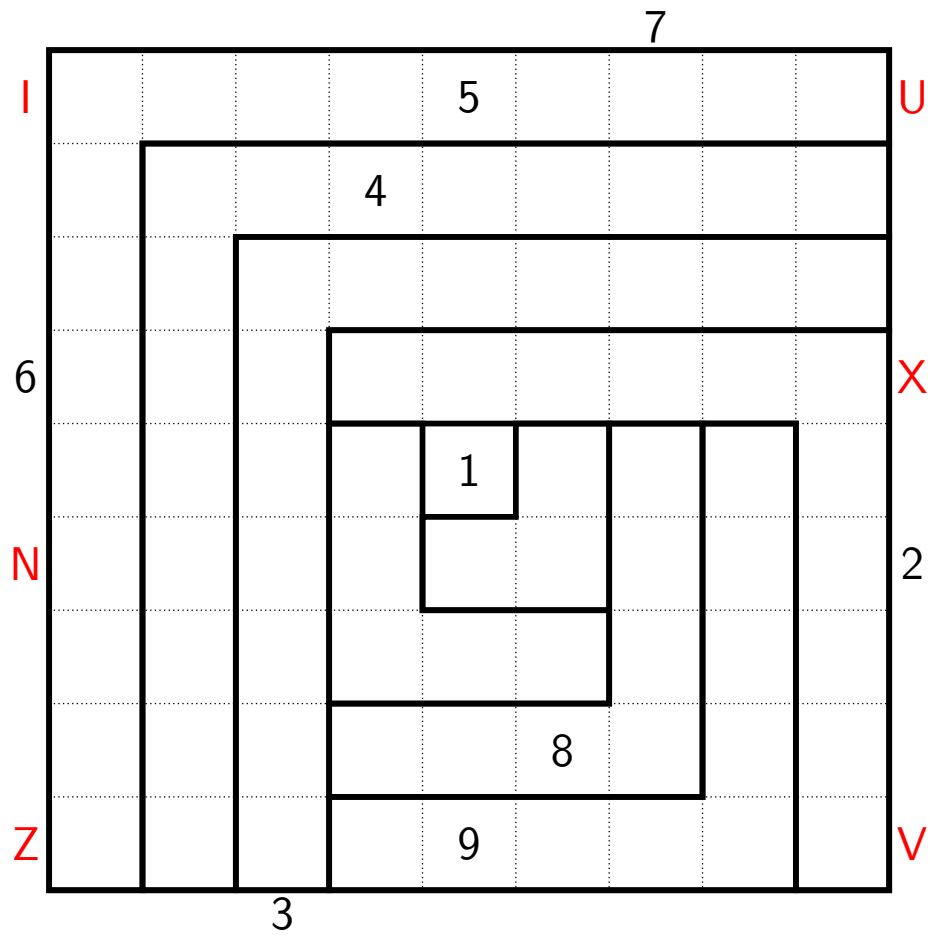
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:5}

hook 4 is too small for digit 8



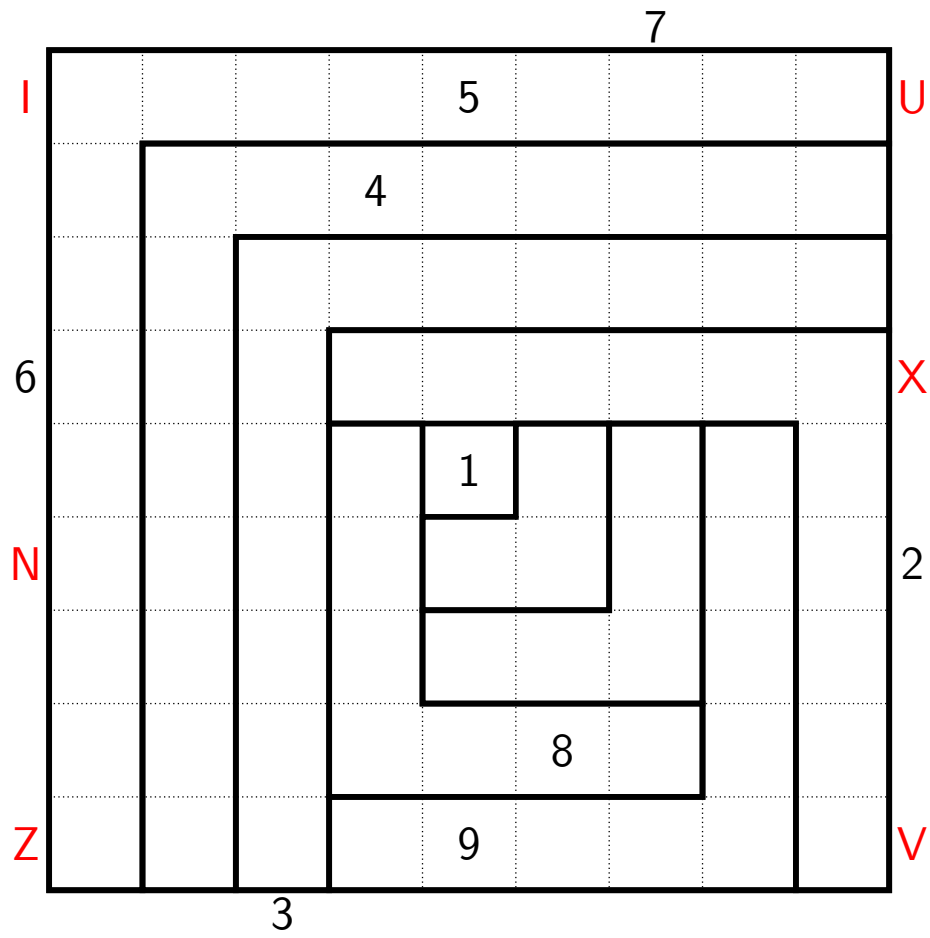
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:5}

hook 4 is too small for digit 8



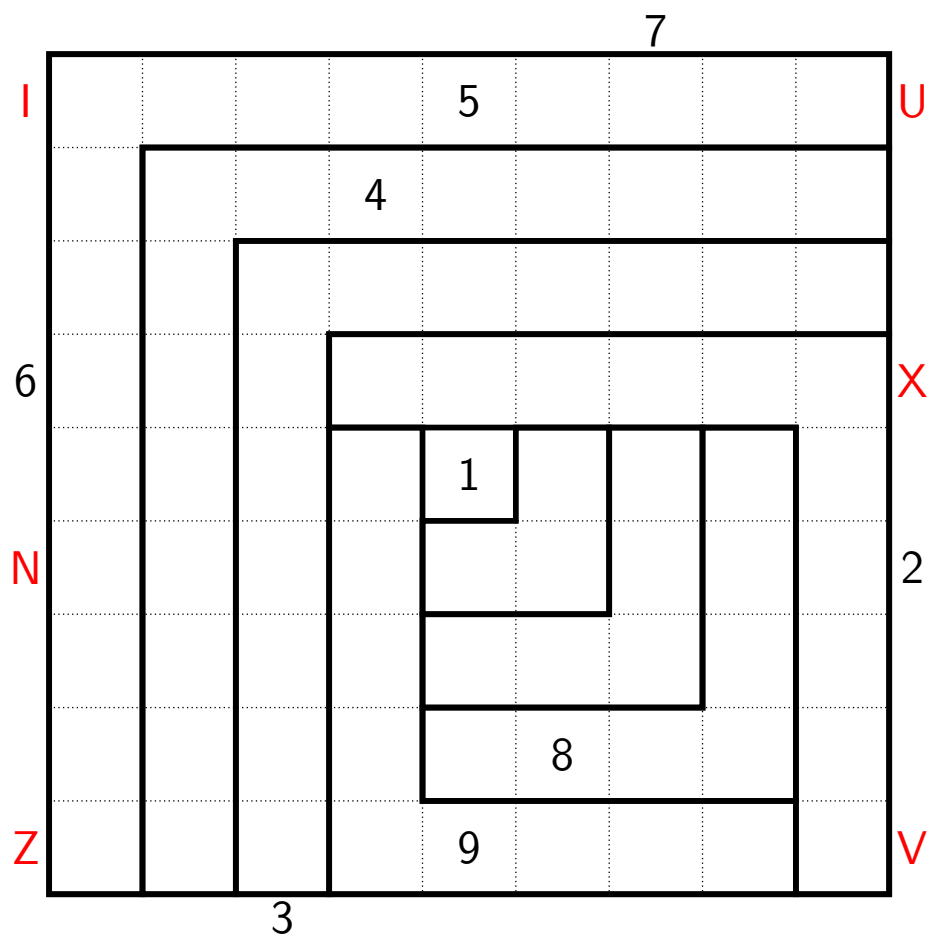
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:5}

hook 4 is too small for digit 8



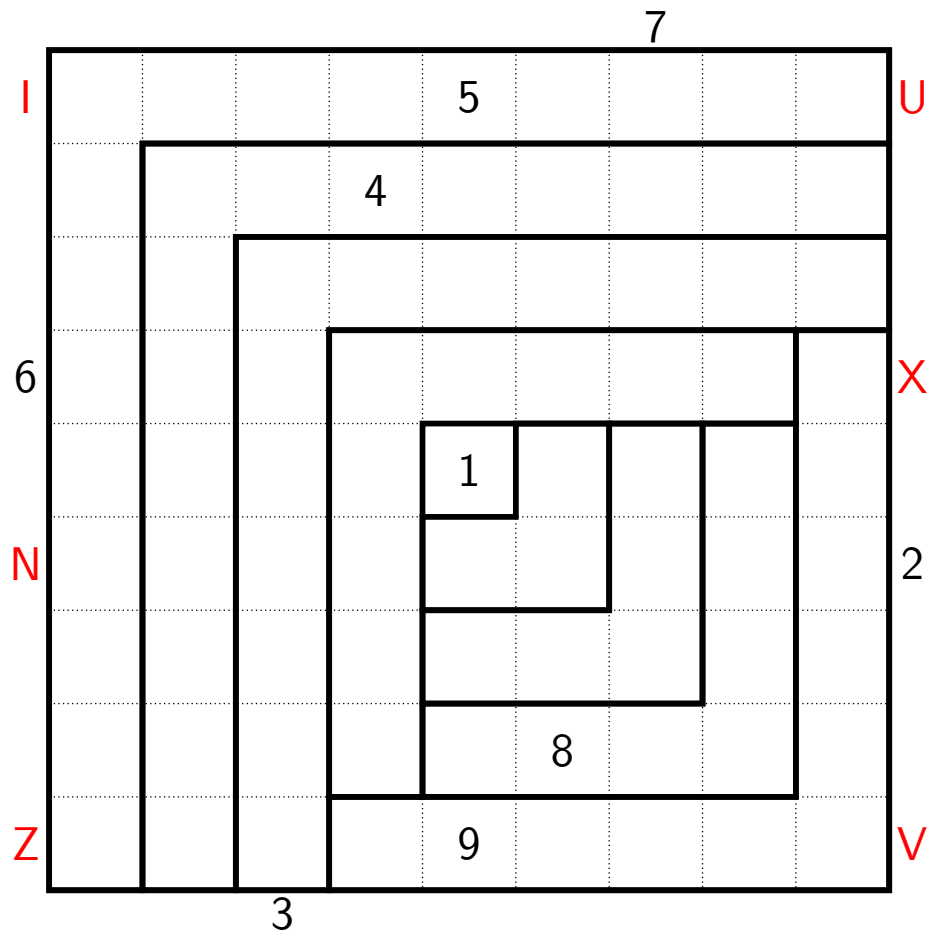
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:5}

hook 4 is too small for digit 8



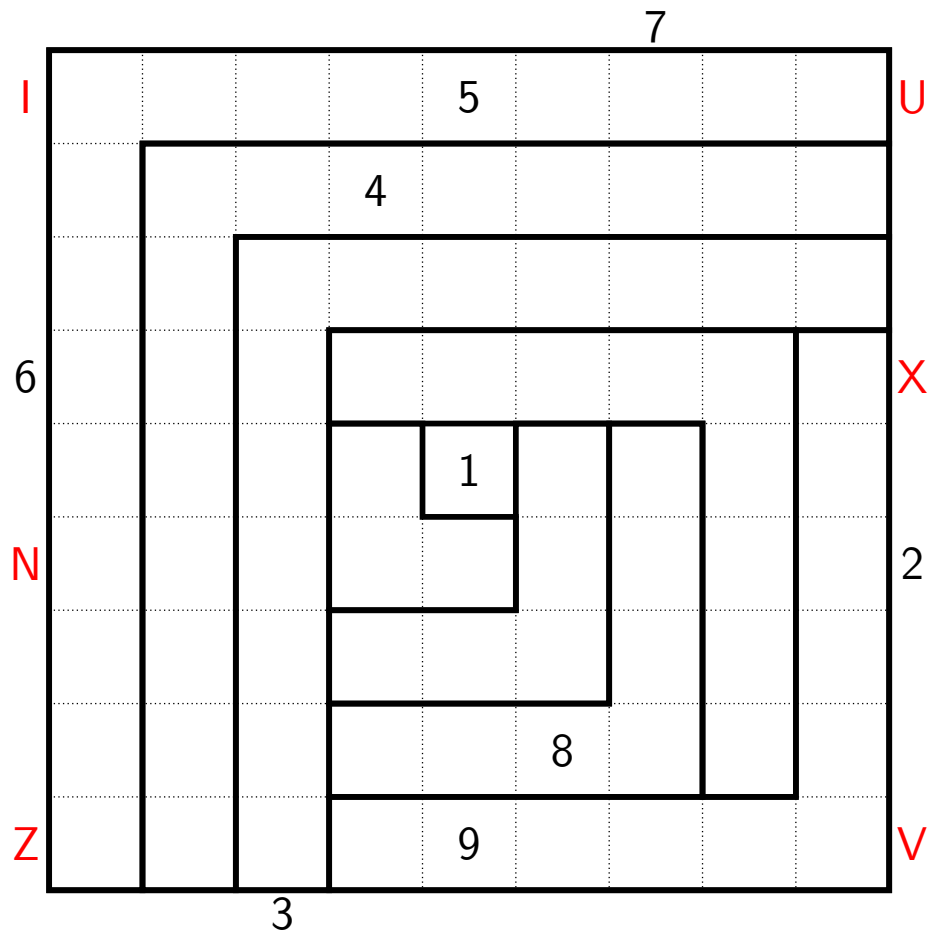
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:5}

hook 4 is too small for digit 8



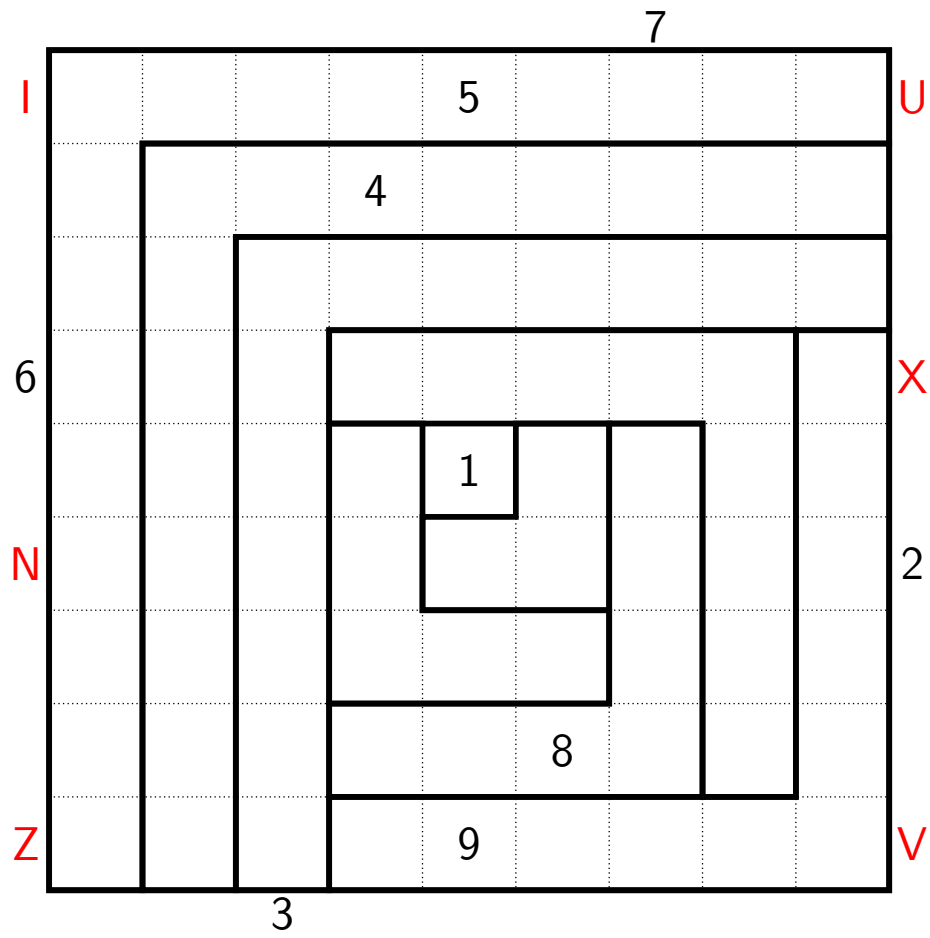
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:6}

hook 4 is too small for digit 8



{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:6}

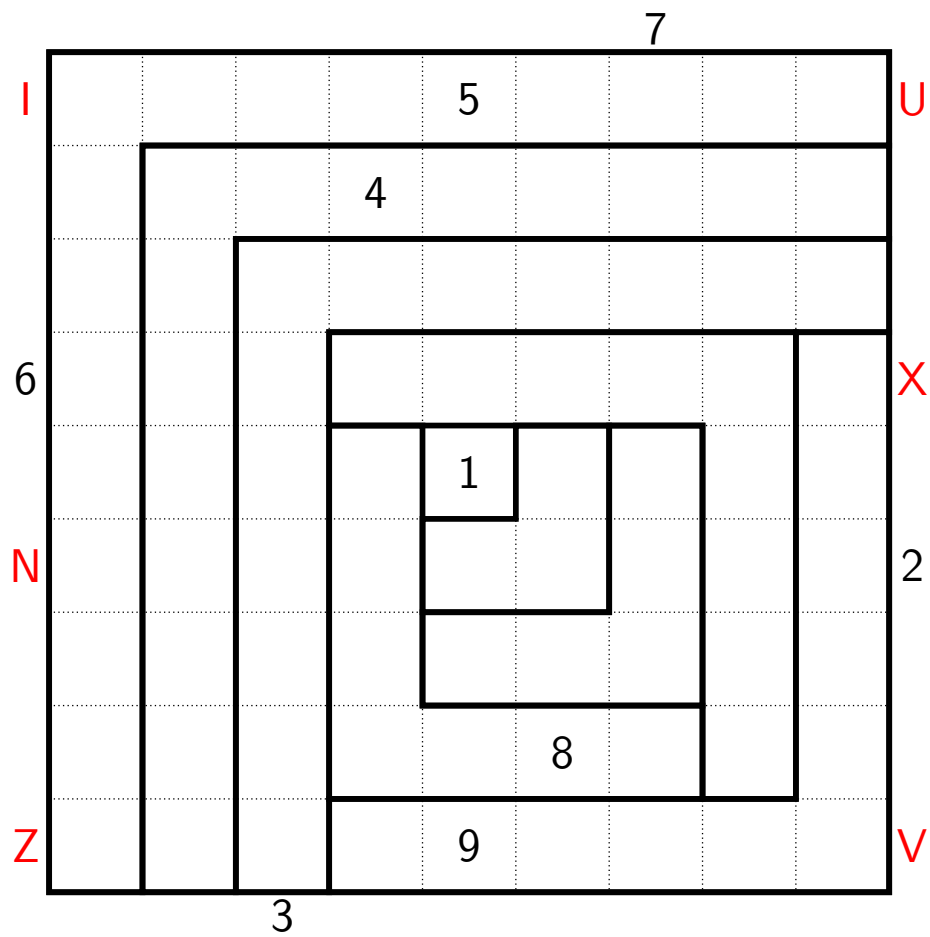
hook 4 is too small for digit 8



{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:6}

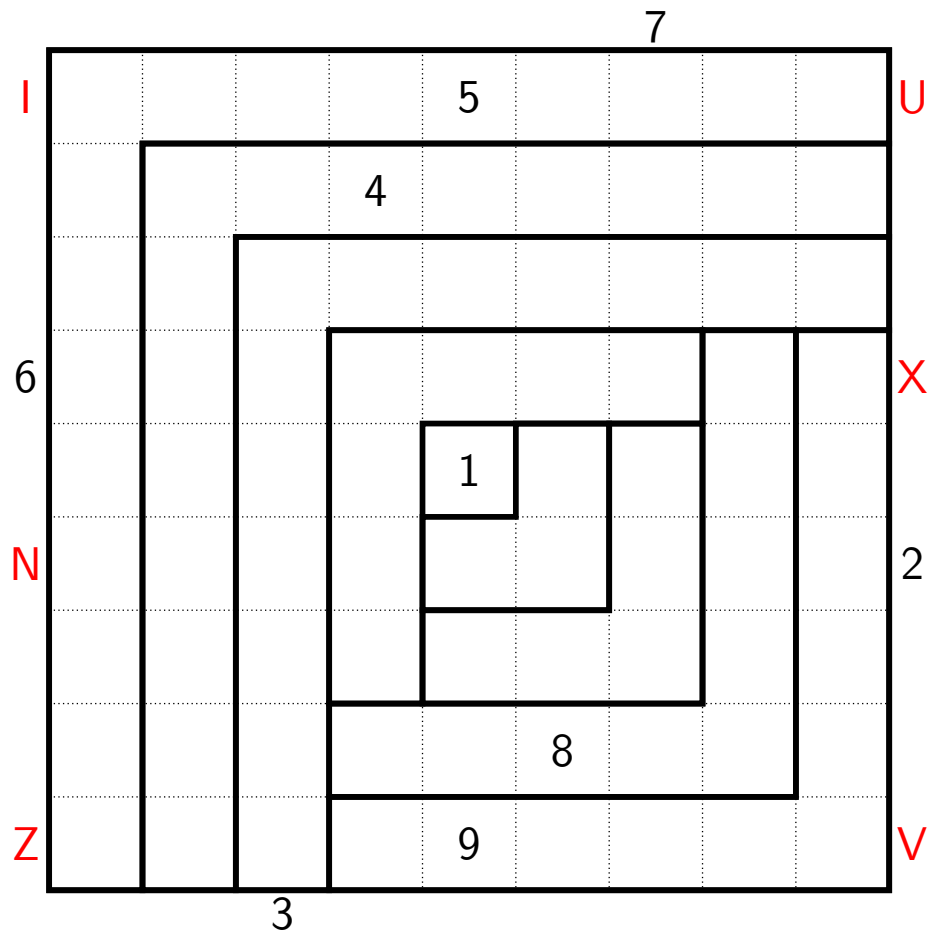
hook 4 is too small for digit 8





{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:6}

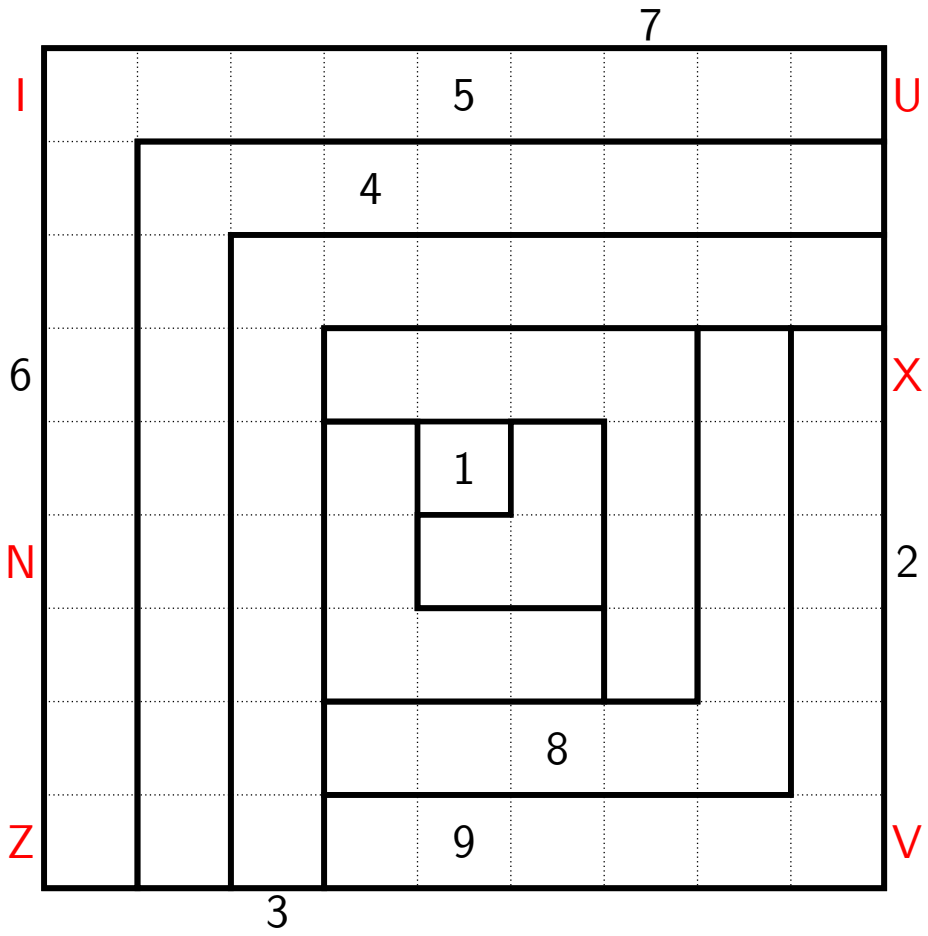
hook 4 is too small for digit 8



{1:1, 2:[2, 3], 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}

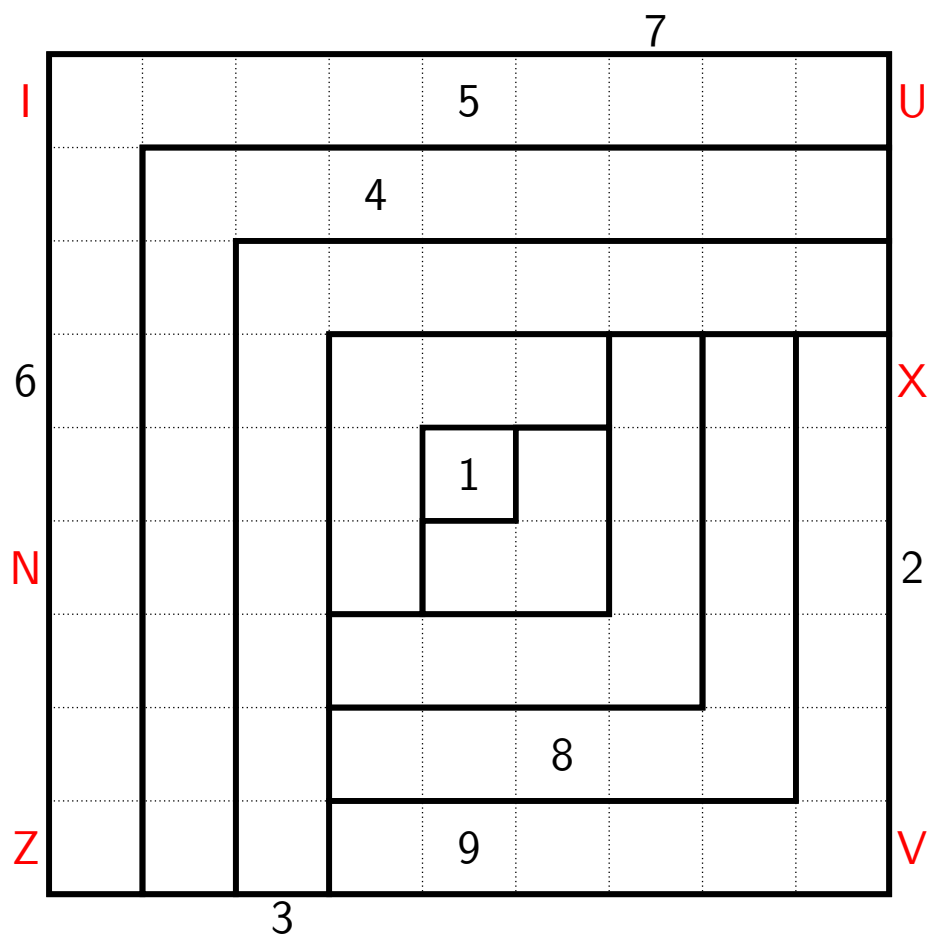
digit(s) 7 cannot be assigned to any hook

digit(s) 7 cannot be assigned to any hook



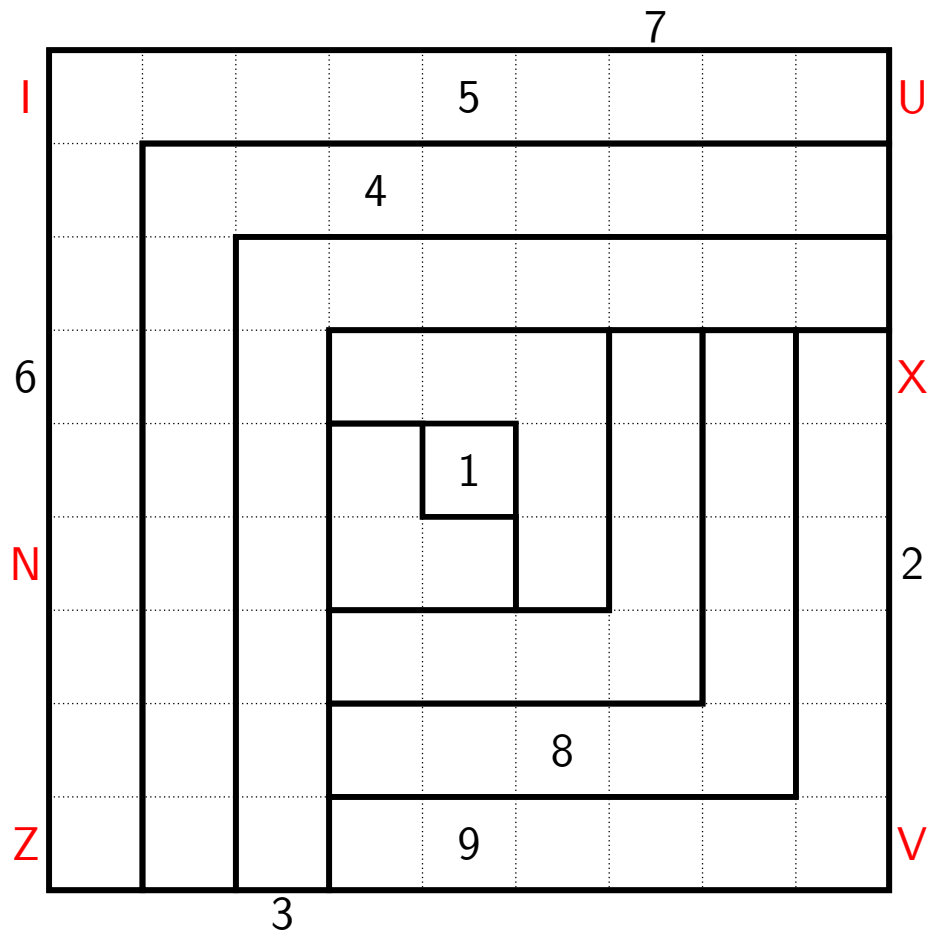
```
{1:1, 2:[2, 3], 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}
```

digit(s) 7 cannot be assigned to any hook



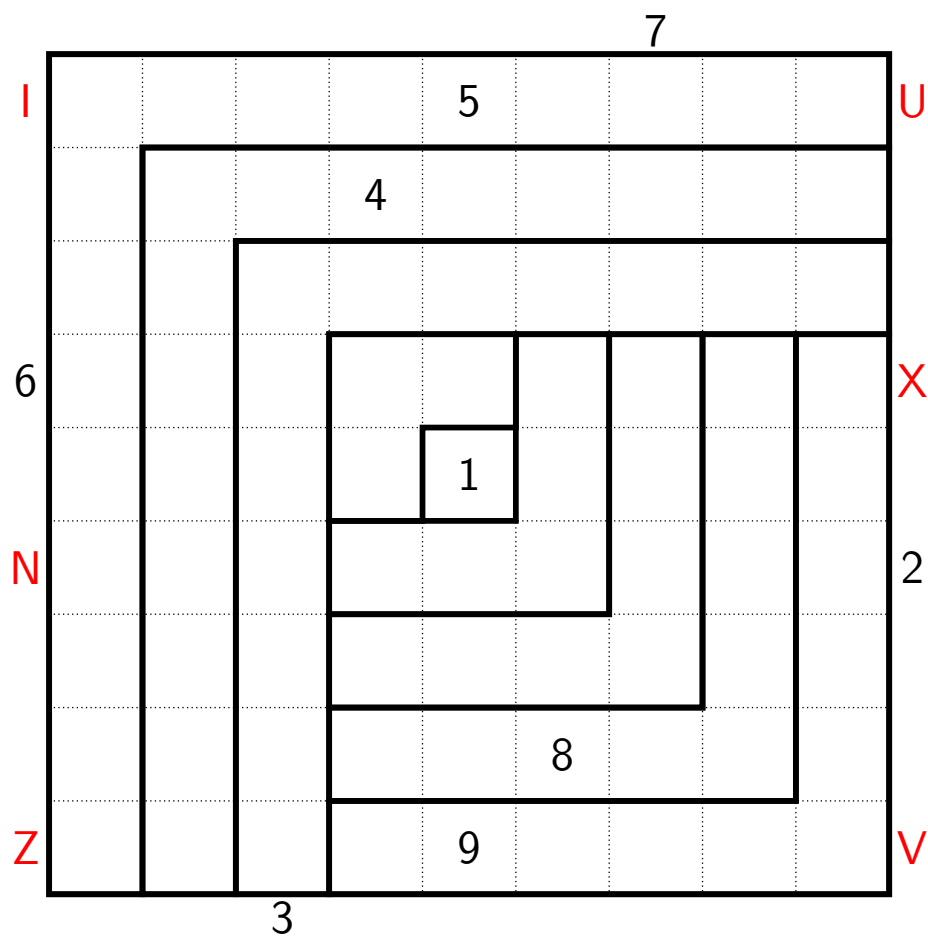
{1:1, 2:[2, 3], 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}

digit(s) 7 cannot be assigned to any hook



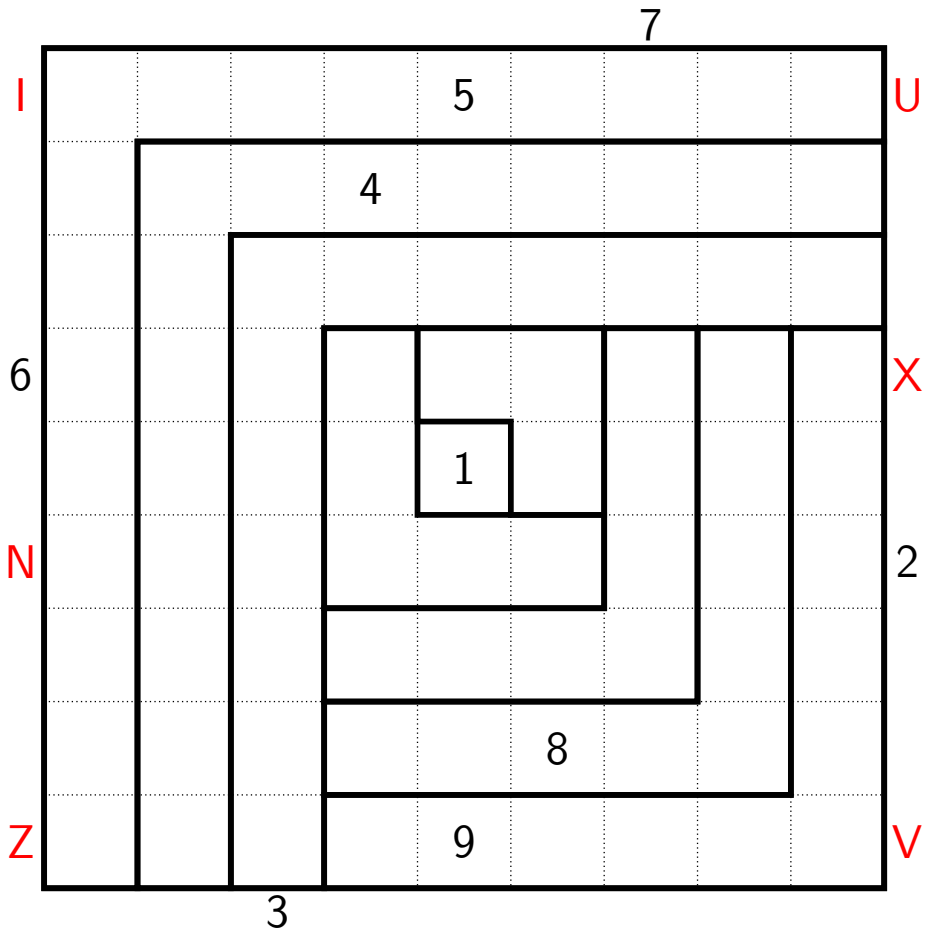
{1:1, 2:[2, 3], 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}

digit(s) 7 cannot be assigned to any hook



{1:1, 2:3, 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}

digit(s) 7 cannot be assigned to any hook

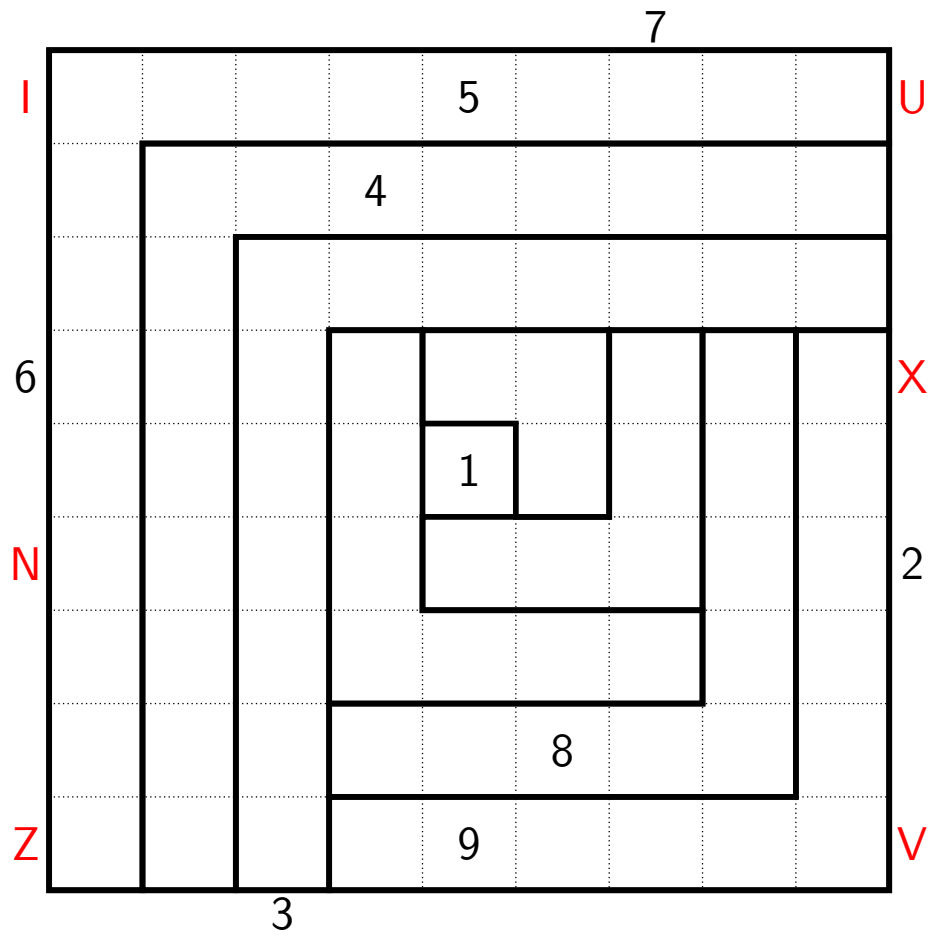


```
{1:1, 2:3, 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}
```

```
digit(s) 7 cannot be assigned to any hook
```

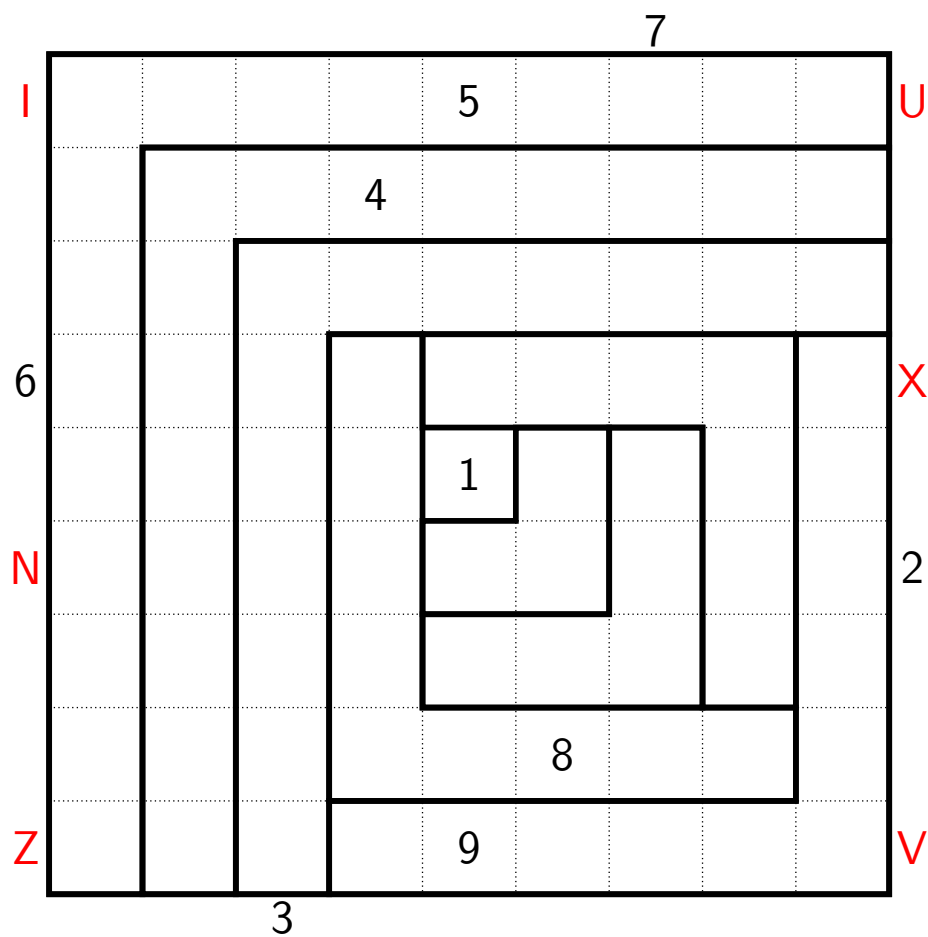


digit(s) 7 cannot be assigned to any hook



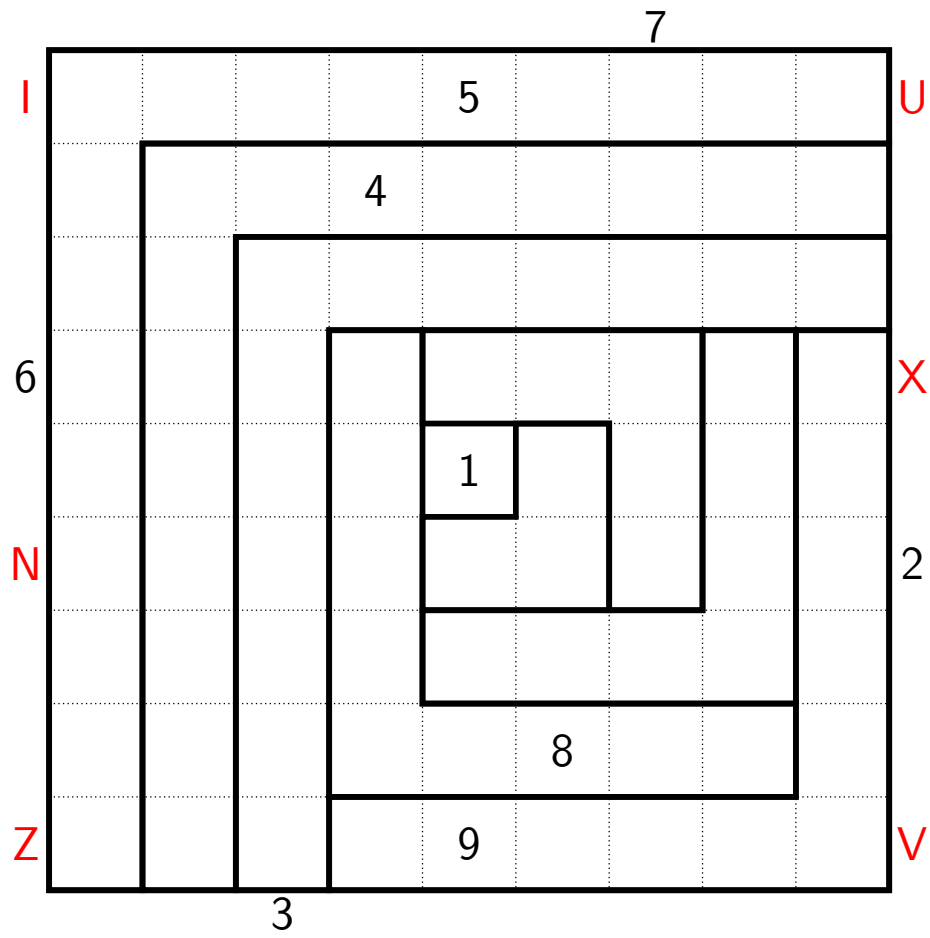
{1:1, 2:3, 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}

digit(s) 7 cannot be assigned to any hook



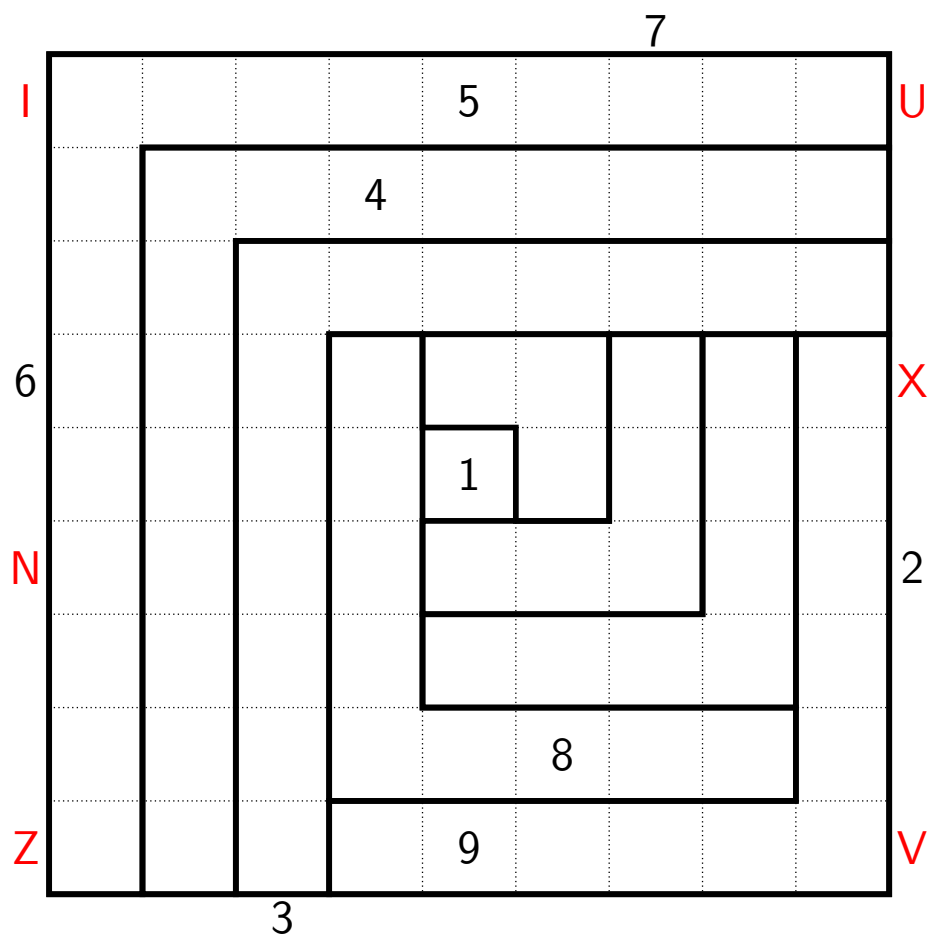
{1:1, 2:[2, 3], 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}

digit(s) 7 cannot be assigned to any hook



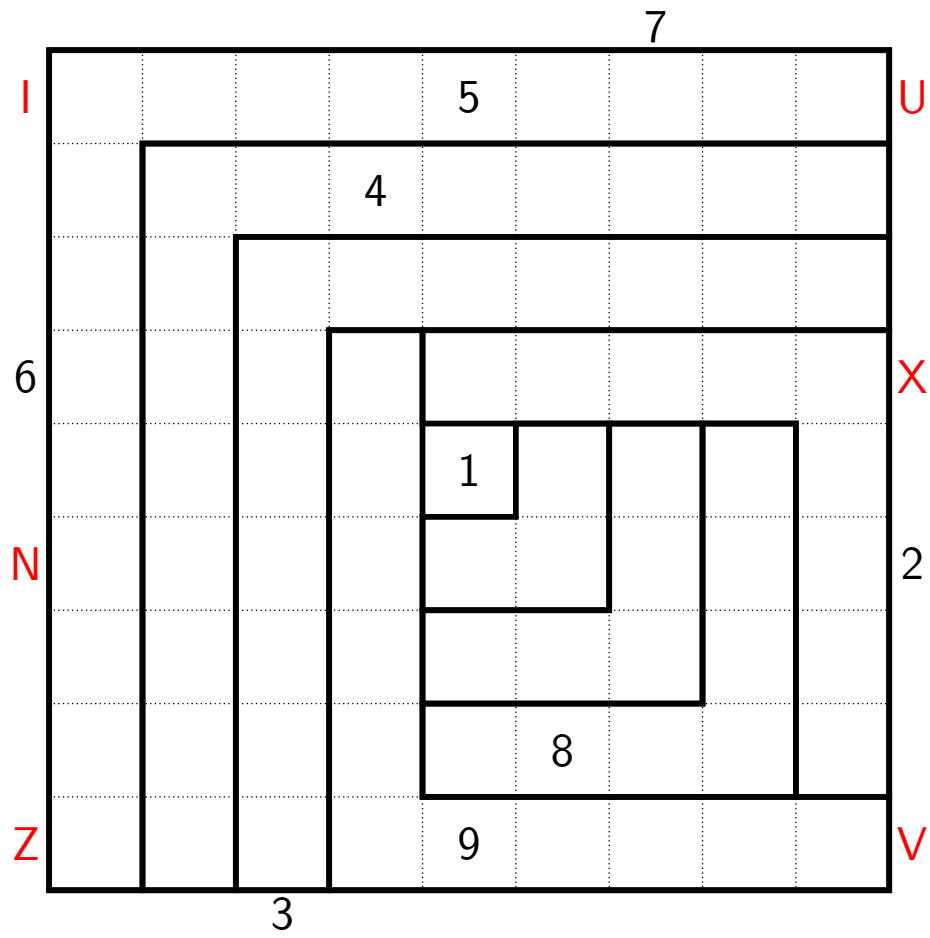
{1:1, 2:[2, 3], 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}

digit(s) 7 cannot be assigned to any hook



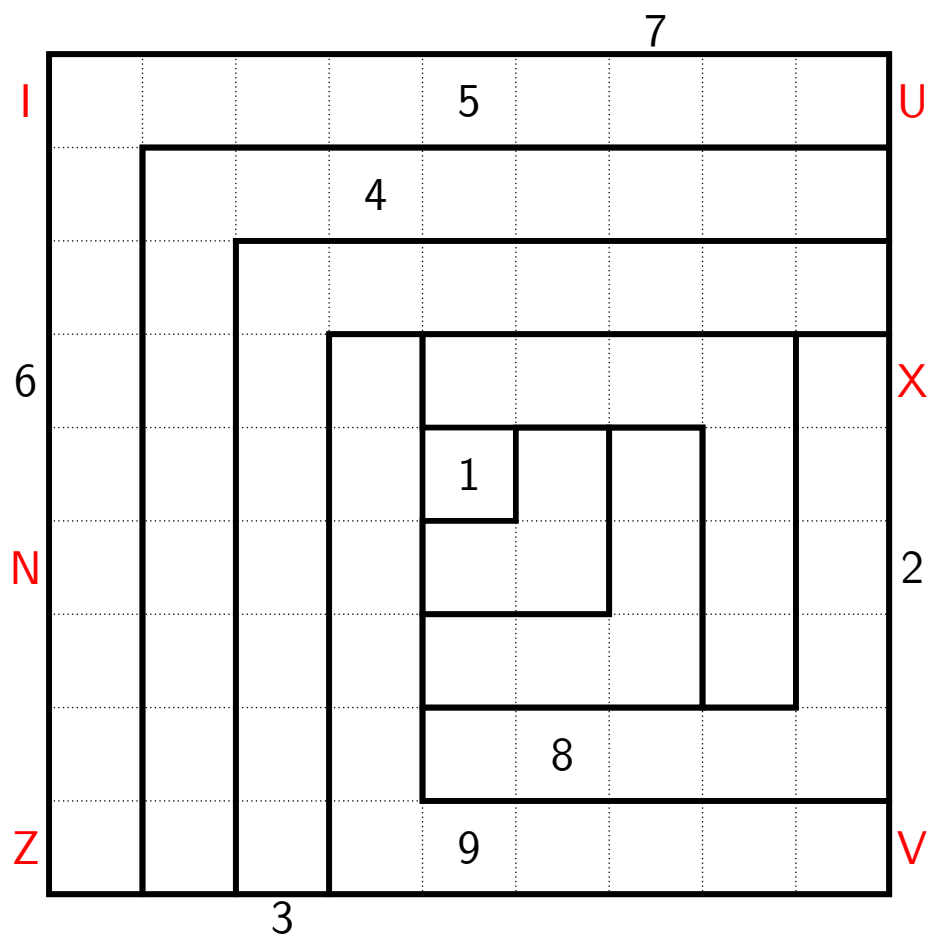
{1:1, 2:3, 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}

digit(s) 7 cannot be assigned to any hook



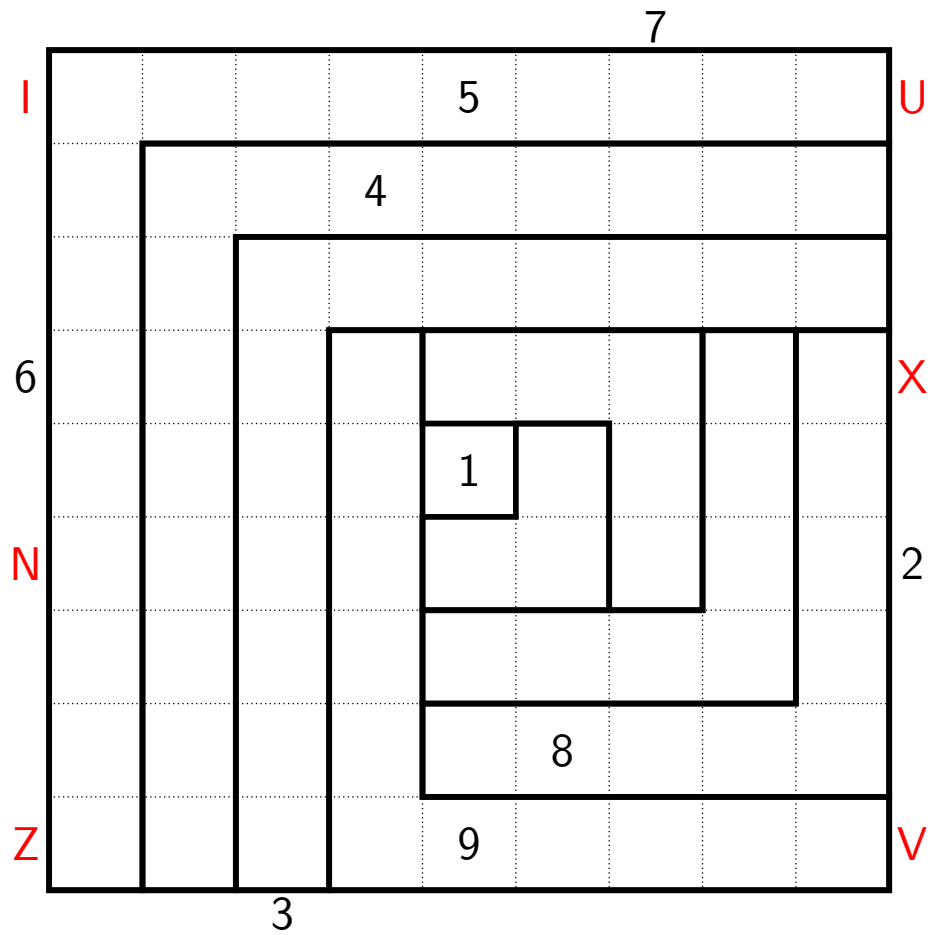
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:6}

hook 4 is too small for digit 8



{1:1, 2:[2, 3], 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}

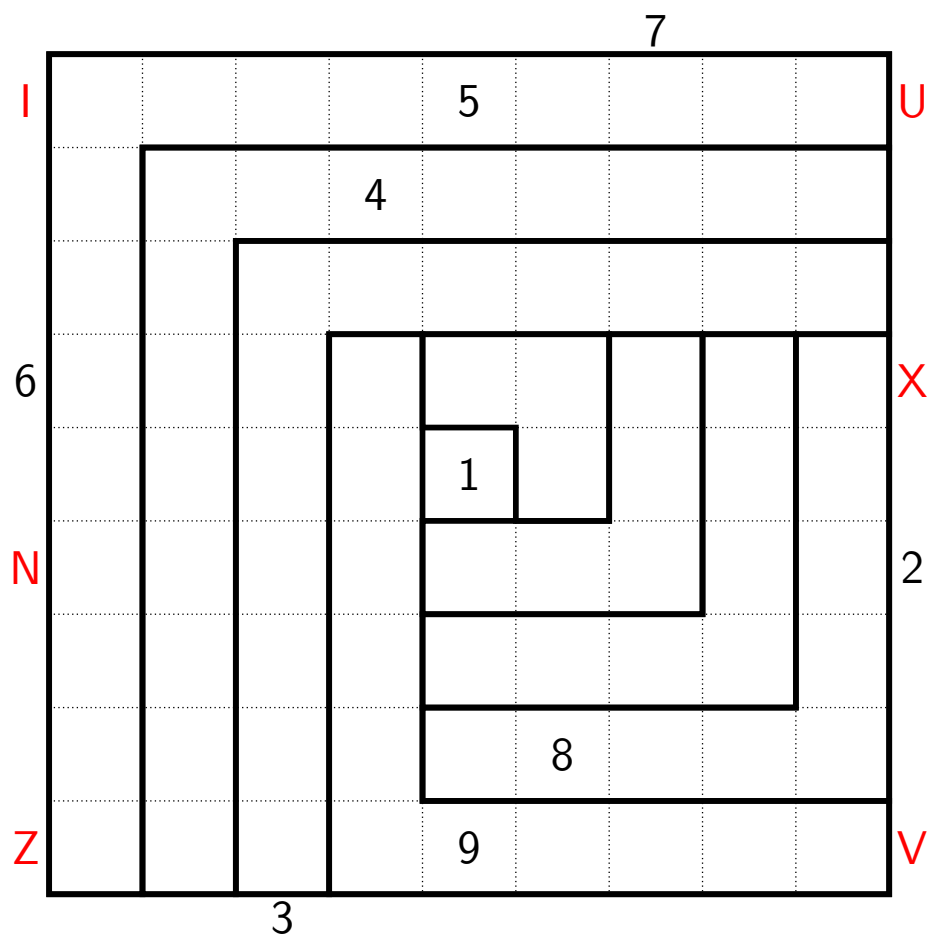
digit(s) 7 cannot be assigned to any hook



{1:1, 2:[2, 3], 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}

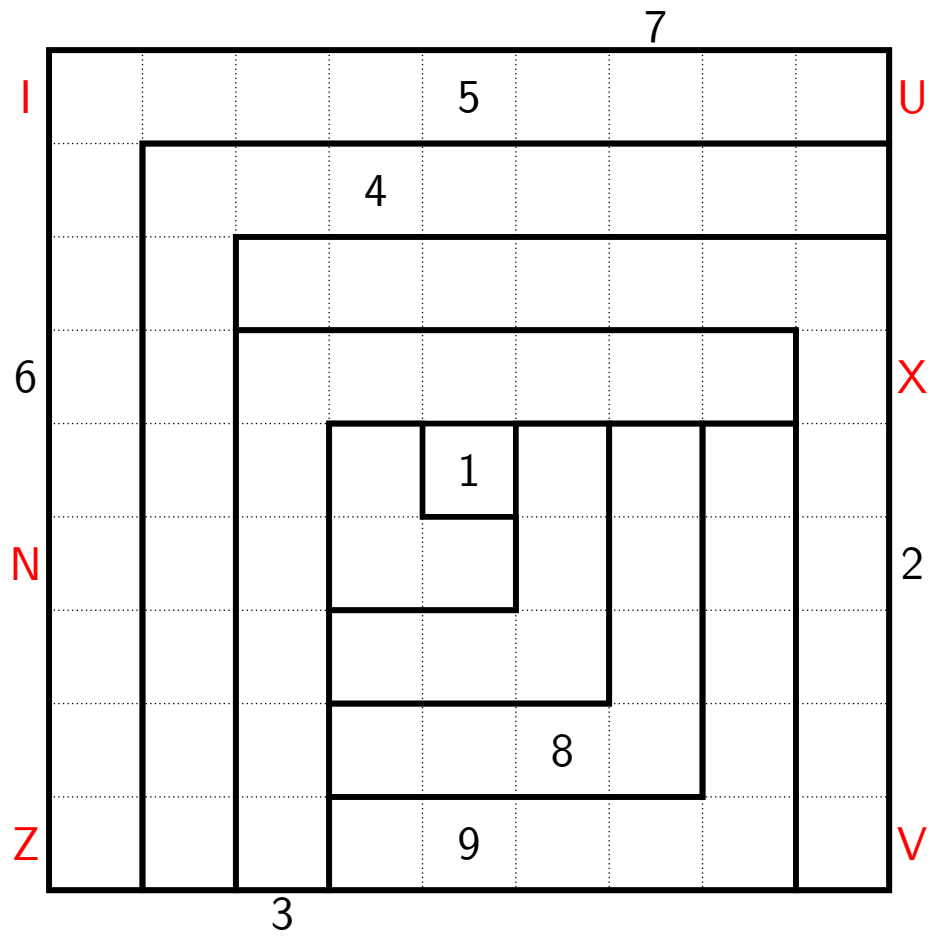
digit(s) 7 cannot be assigned to any hook





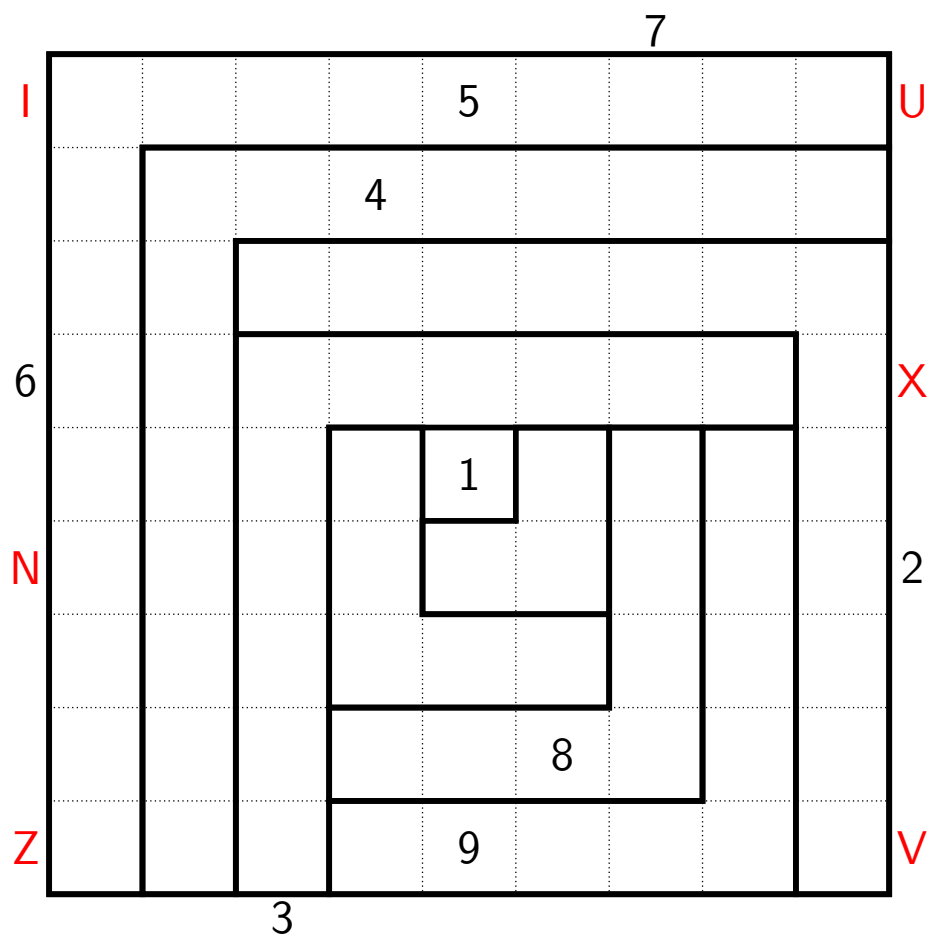
{1:1, 2:3, 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}

digit(s) 7 cannot be assigned to any hook



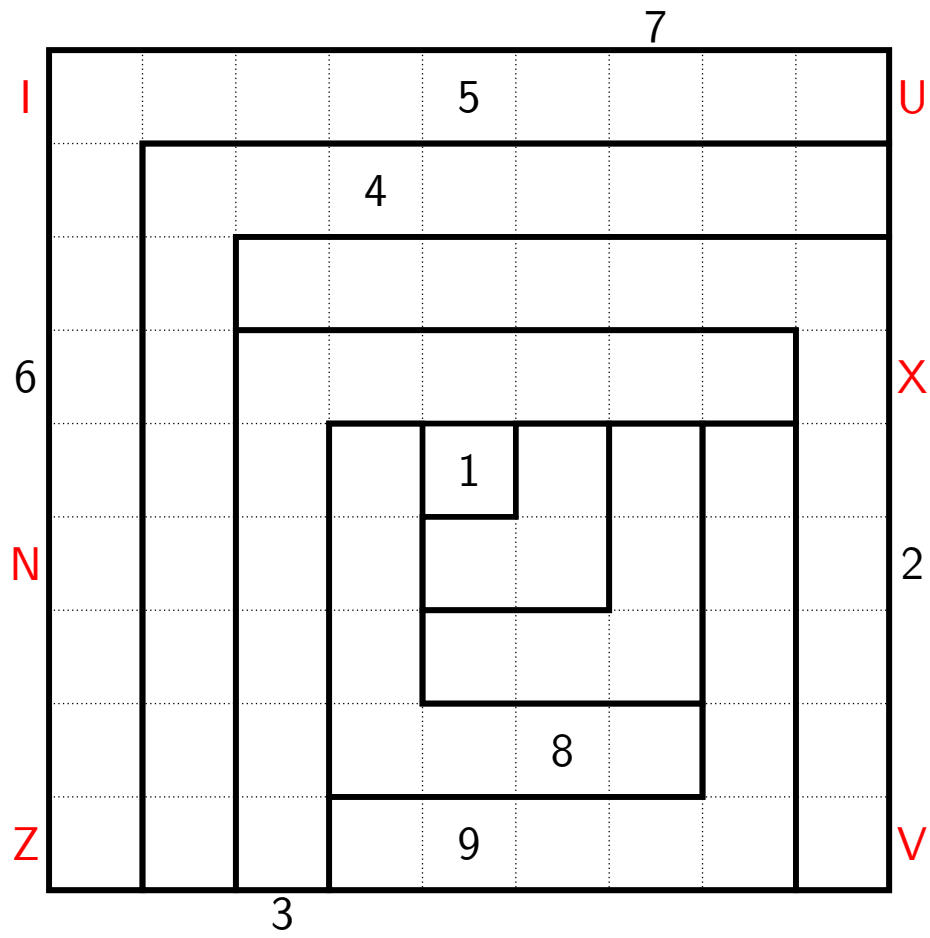
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:5}

hook 4 is too small for digit 8



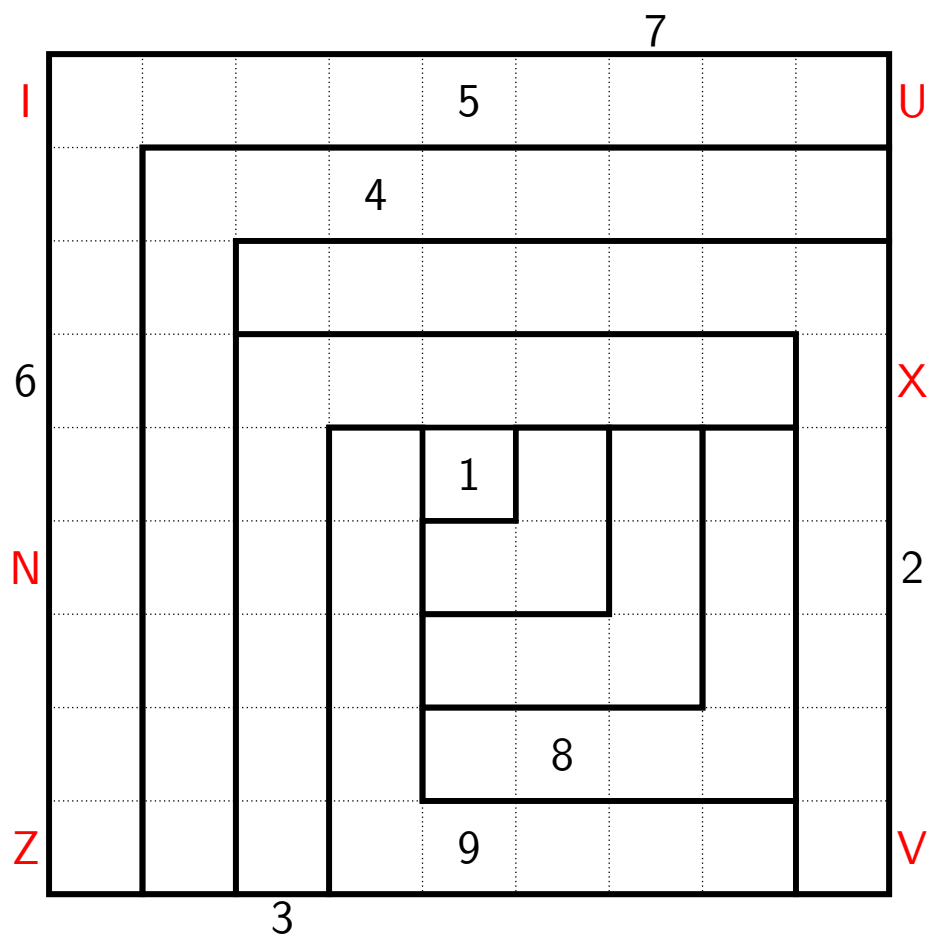
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:5}

hook 4 is too small for digit 8



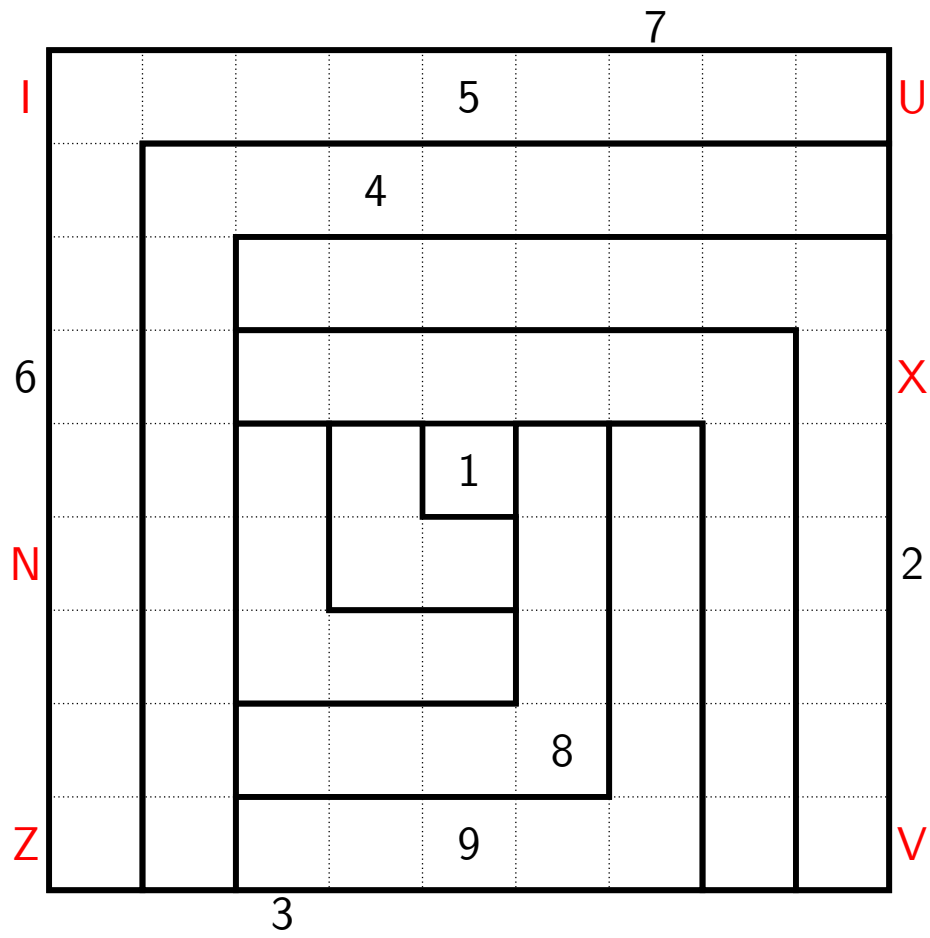
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:5}

hook 4 is too small for digit 8



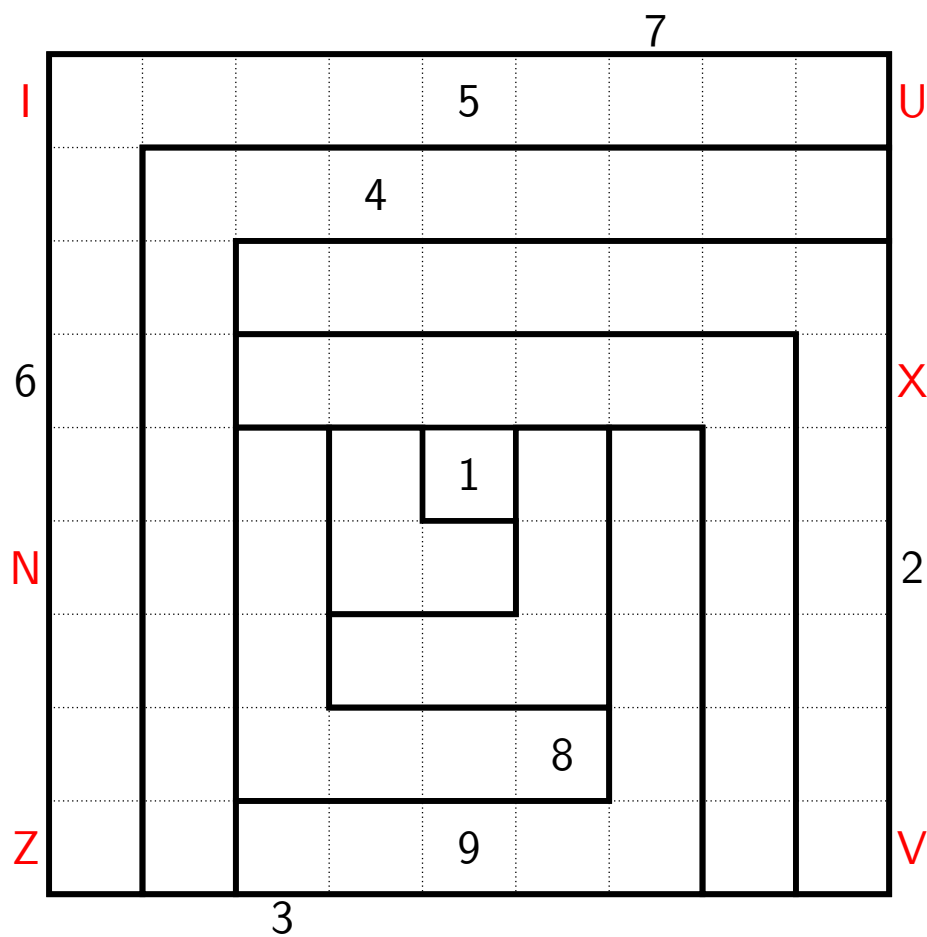
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:5}

hook 4 is too small for digit 8



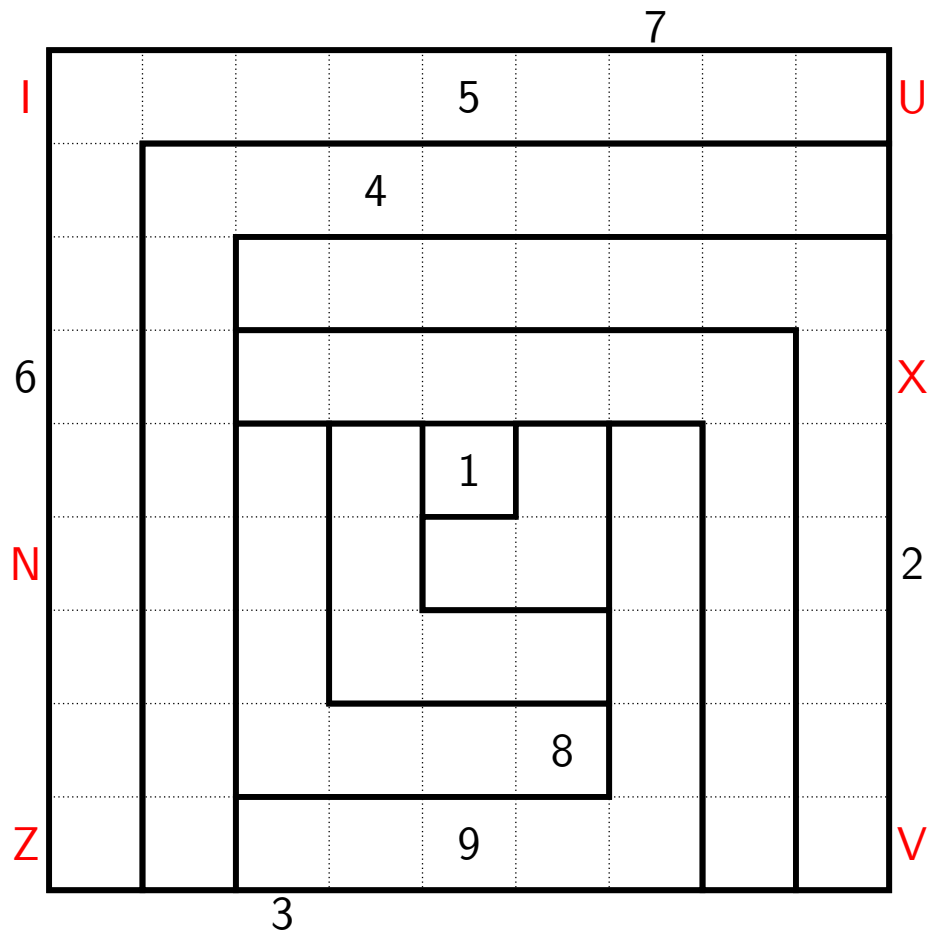
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:5}

hook 4 is too small for digit 8



{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:5}

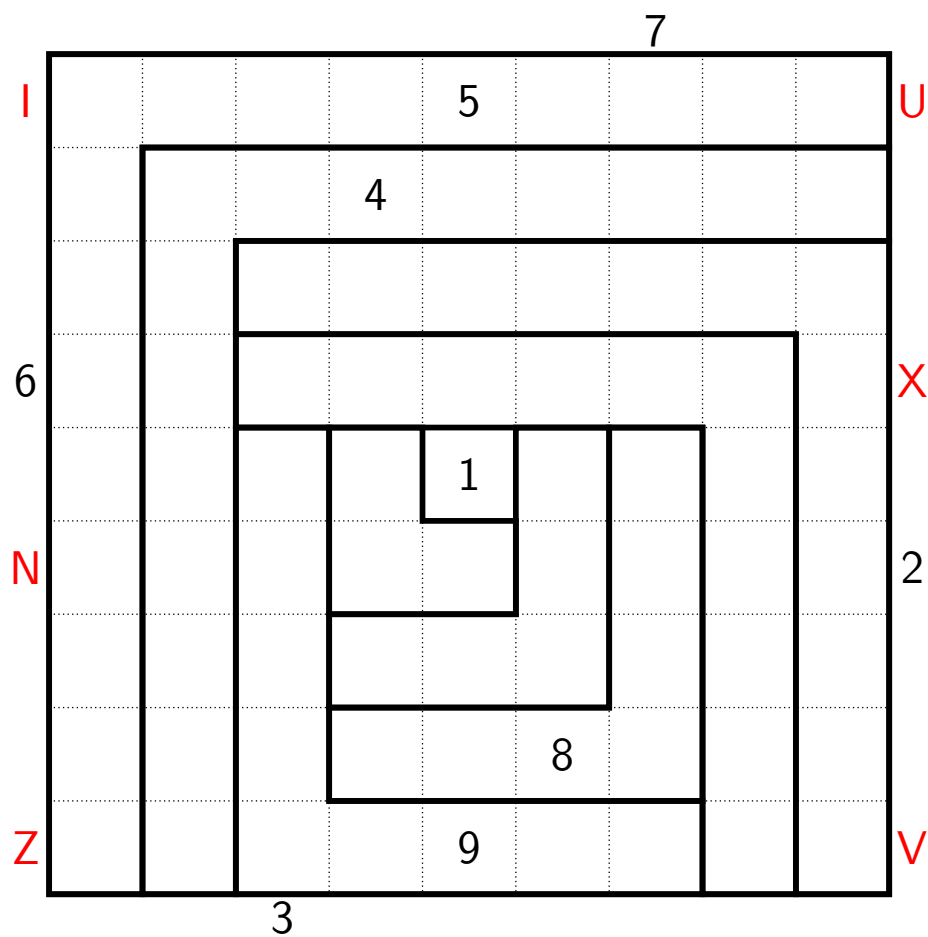
hook 4 is too small for digit 8



{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:5}

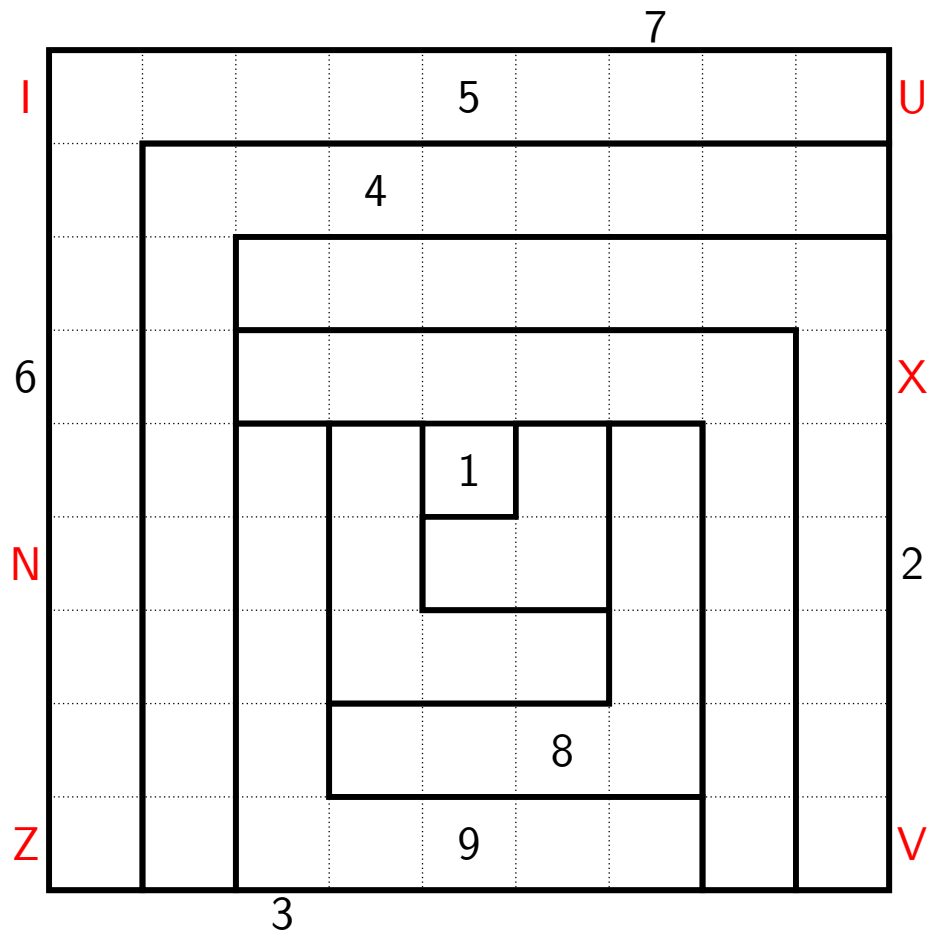
hook 4 is too small for digit 8





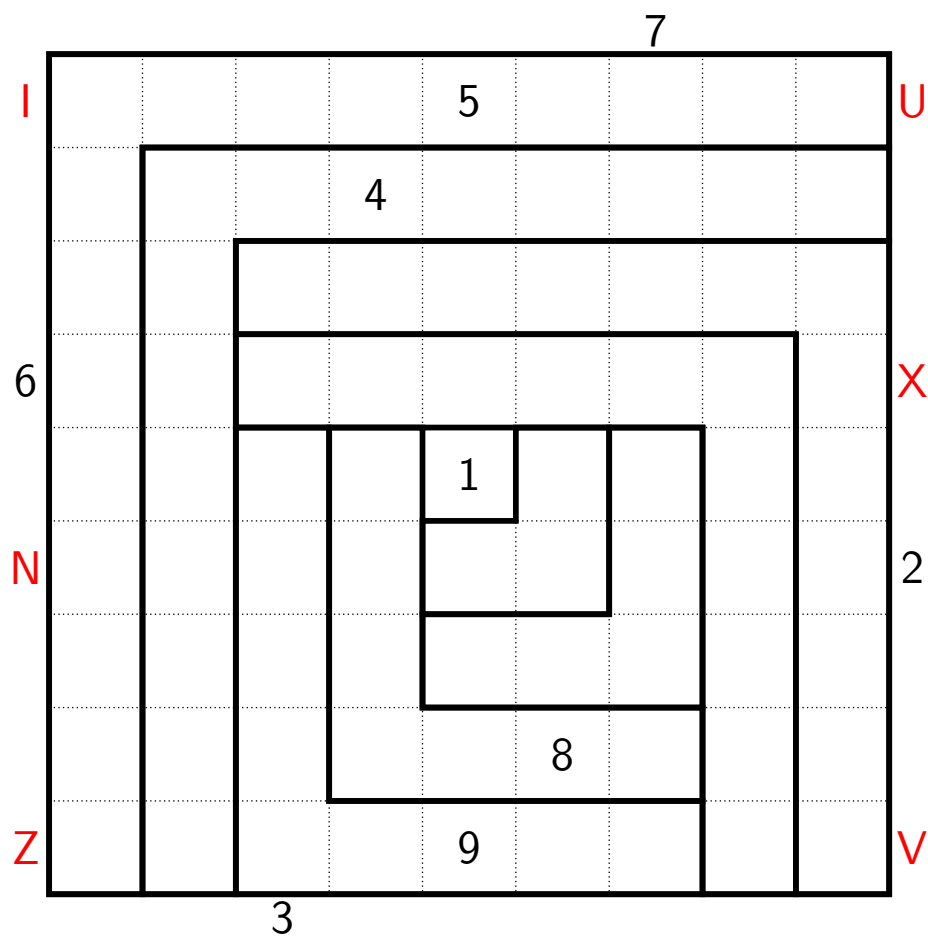
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:5}

hook 4 is too small for digit 8



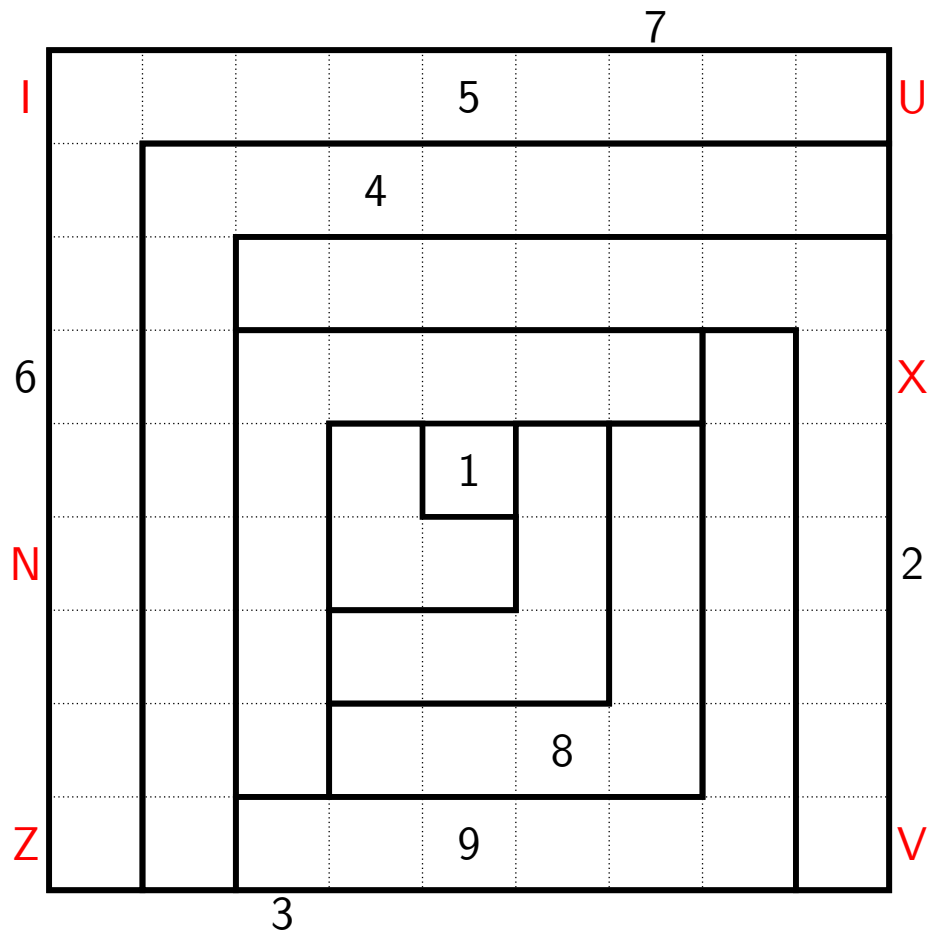
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:5}

hook 4 is too small for digit 8



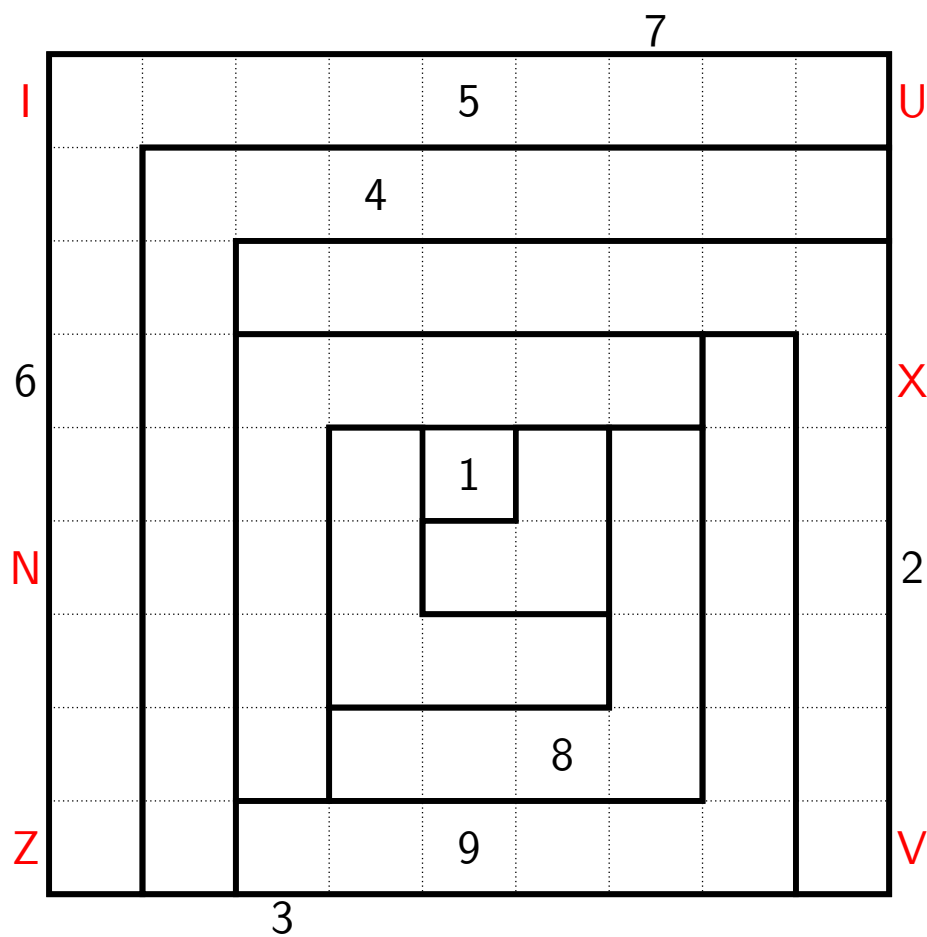
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:5}

hook 4 is too small for digit 8



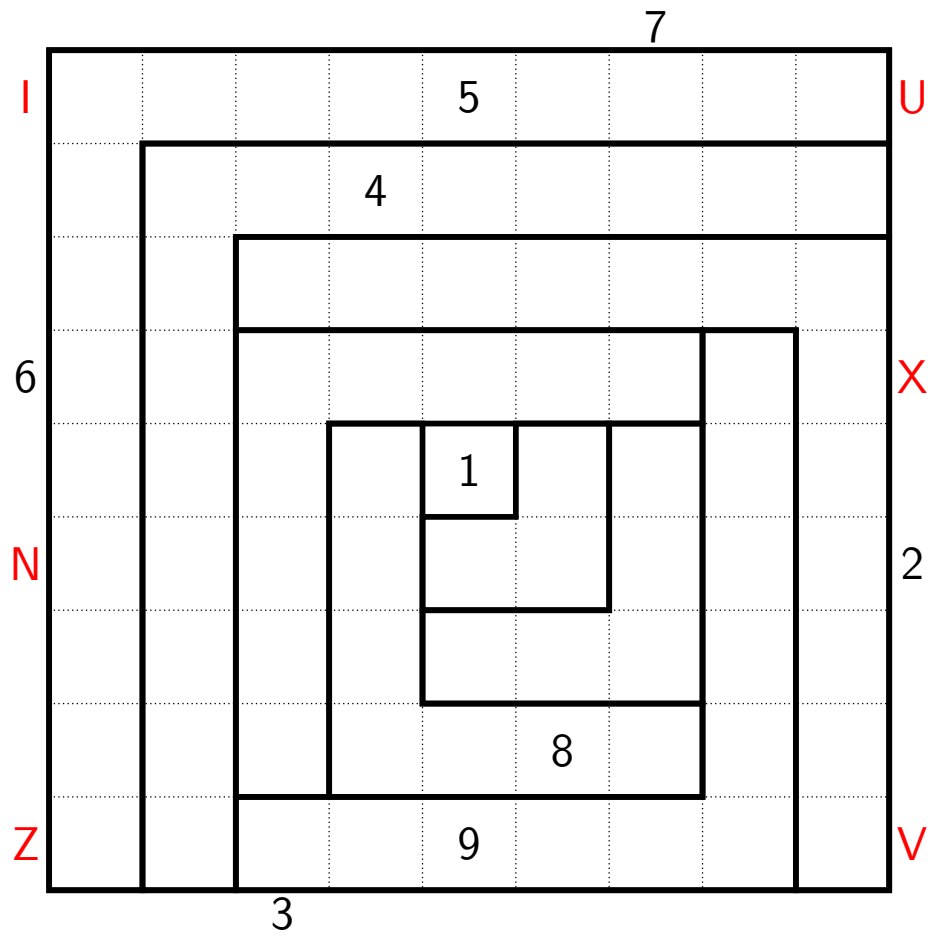
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:6}

hook 4 is too small for digit 8



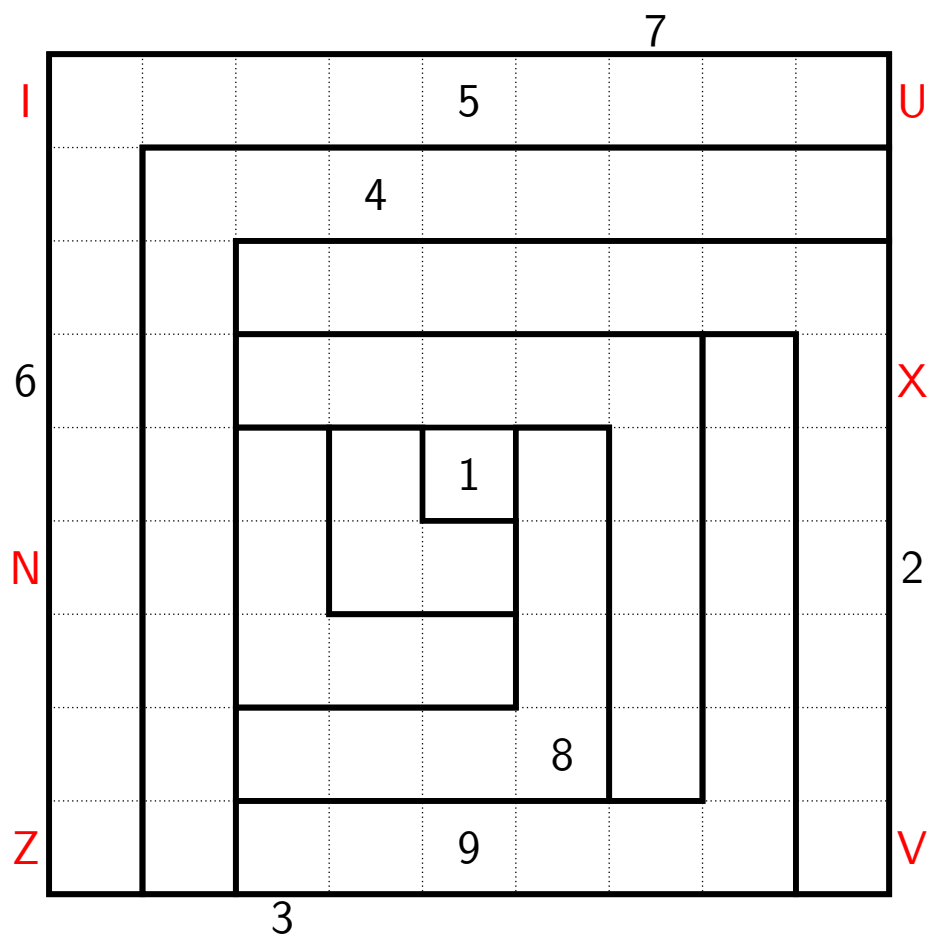
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:6}

hook 4 is too small for digit 8



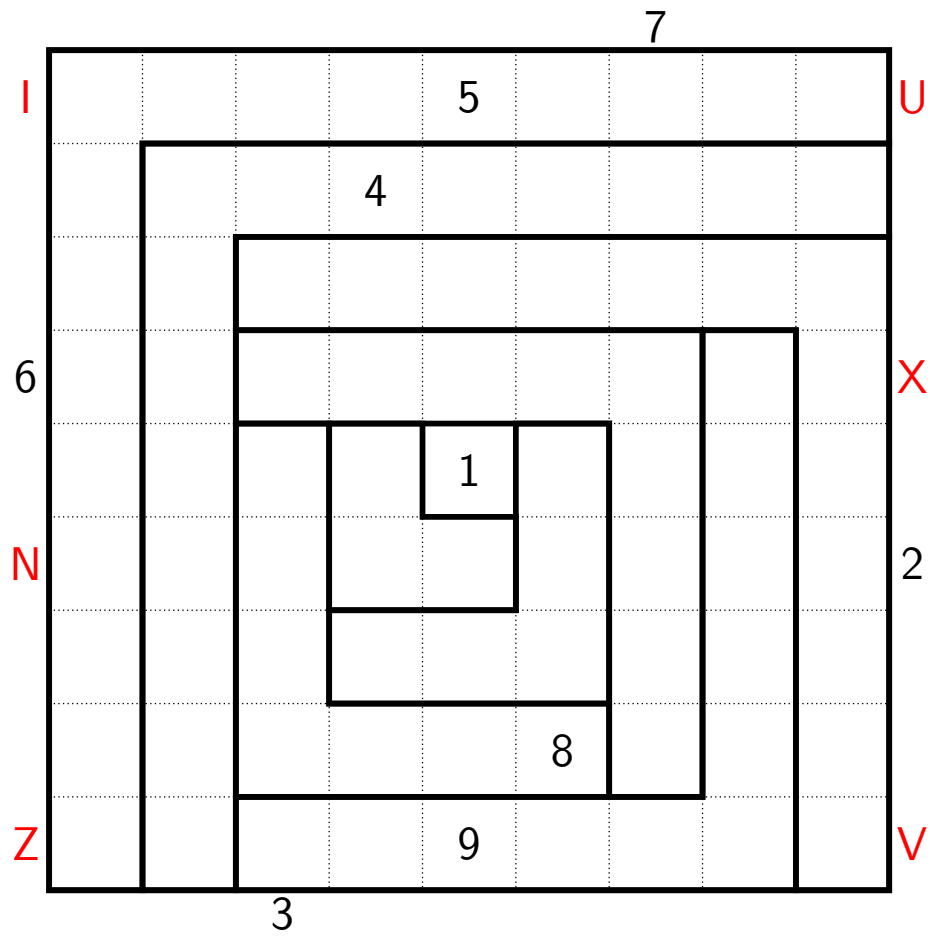
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:6}

hook 4 is too small for digit 8



{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:6}

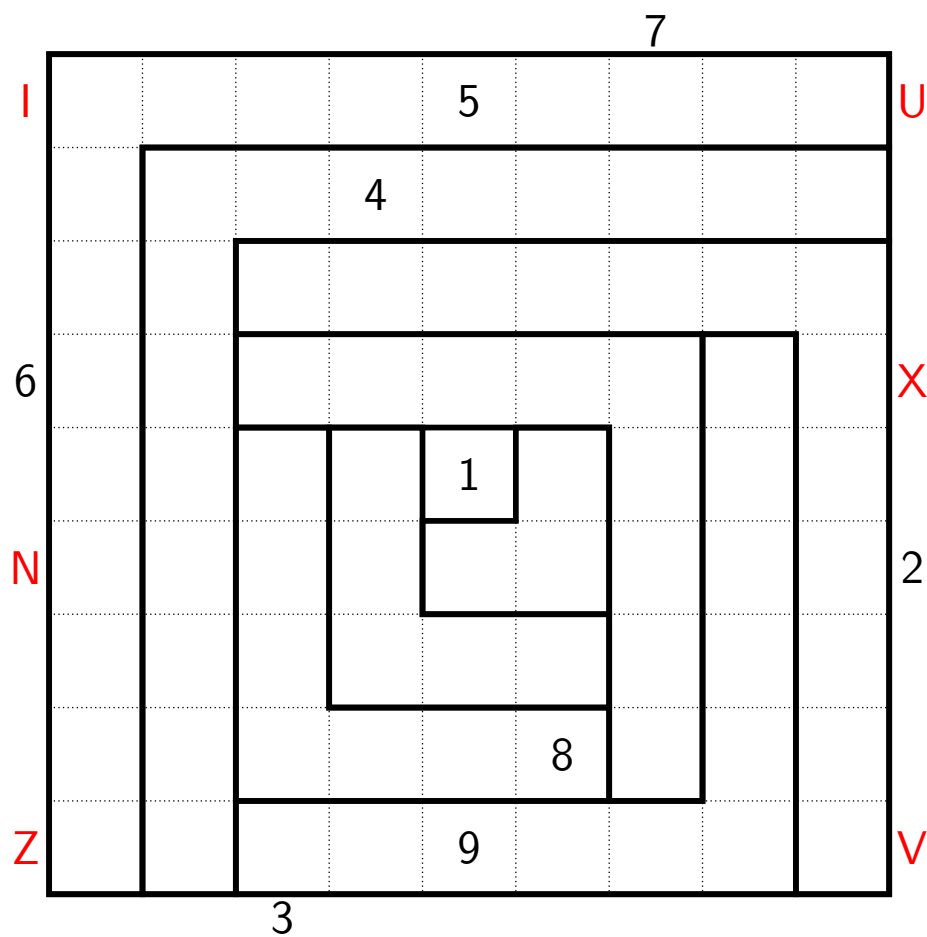
hook 4 is too small for digit 8



{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:6}

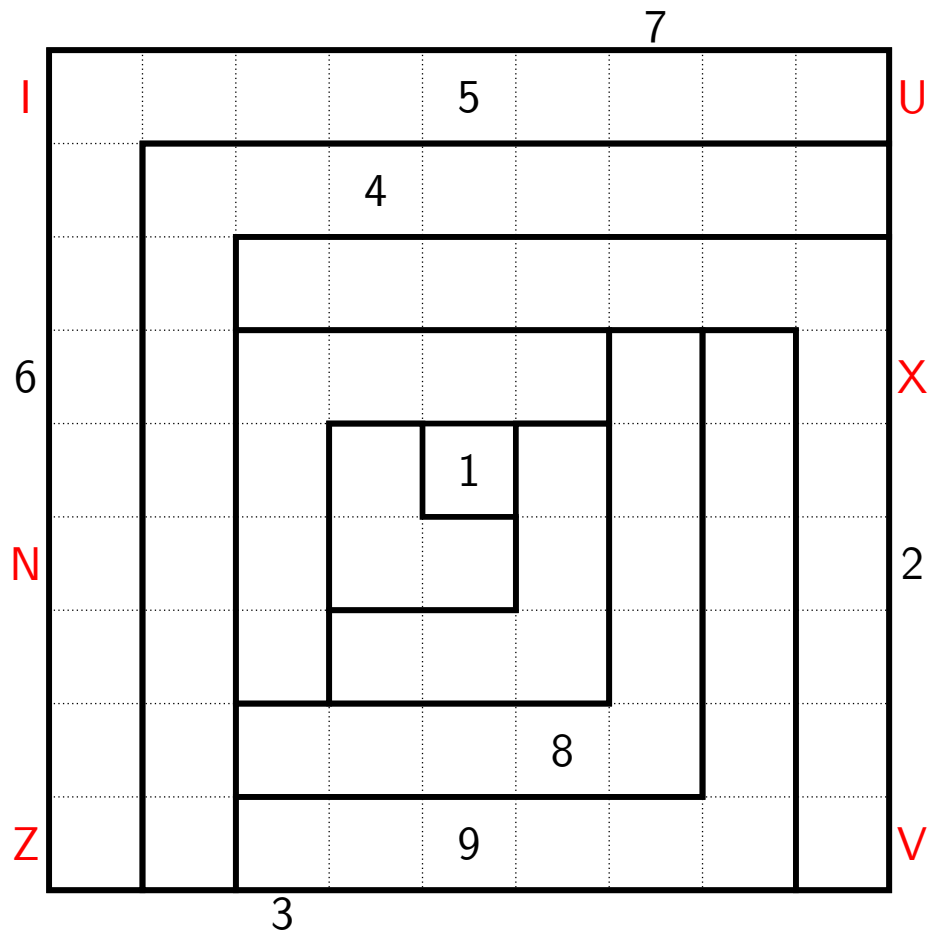
hook 4 is too small for digit 8





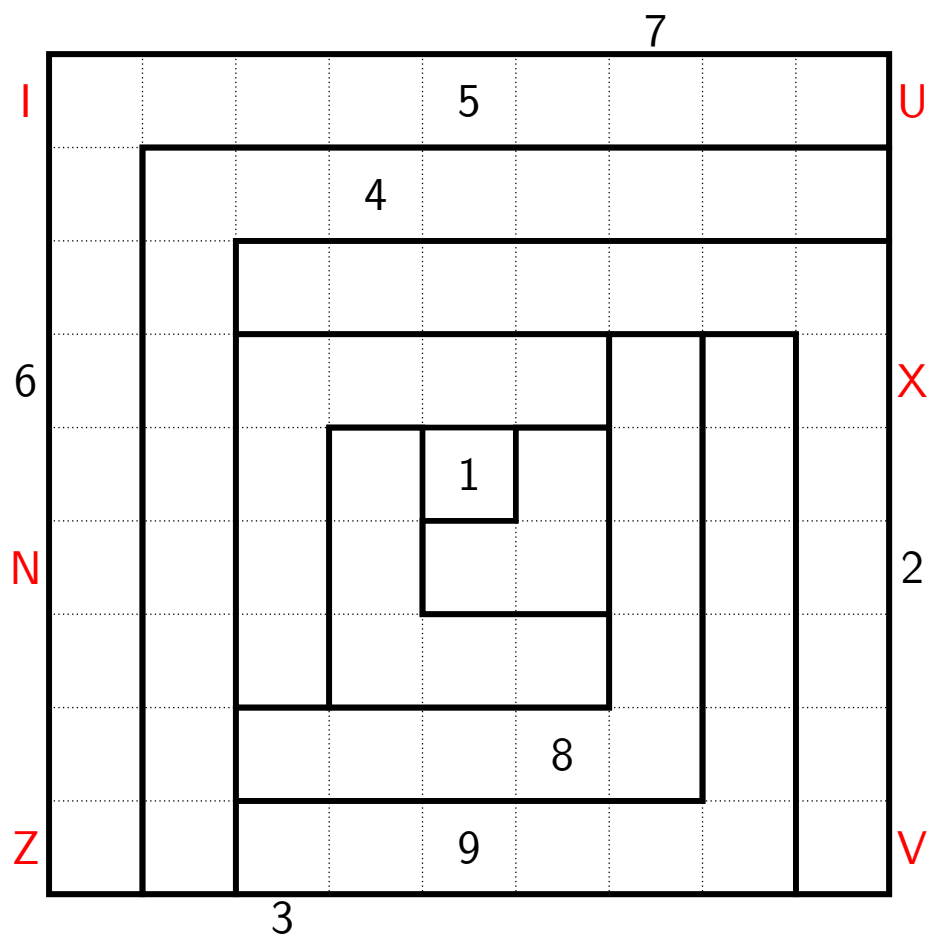
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:6}

hook 4 is too small for digit 8



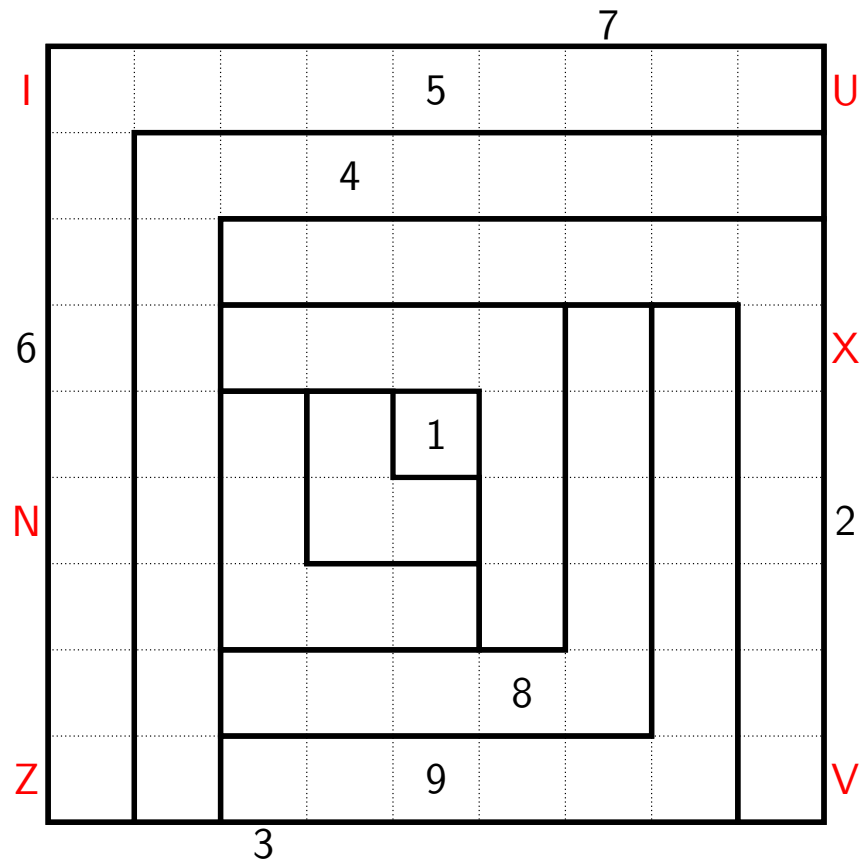
{1:1, 2:[2, 3], 3:4, 4:8, 5:9, 6:4, 7:7, 8:5, 9:6}

digits 3,6 are fighting over hook 4



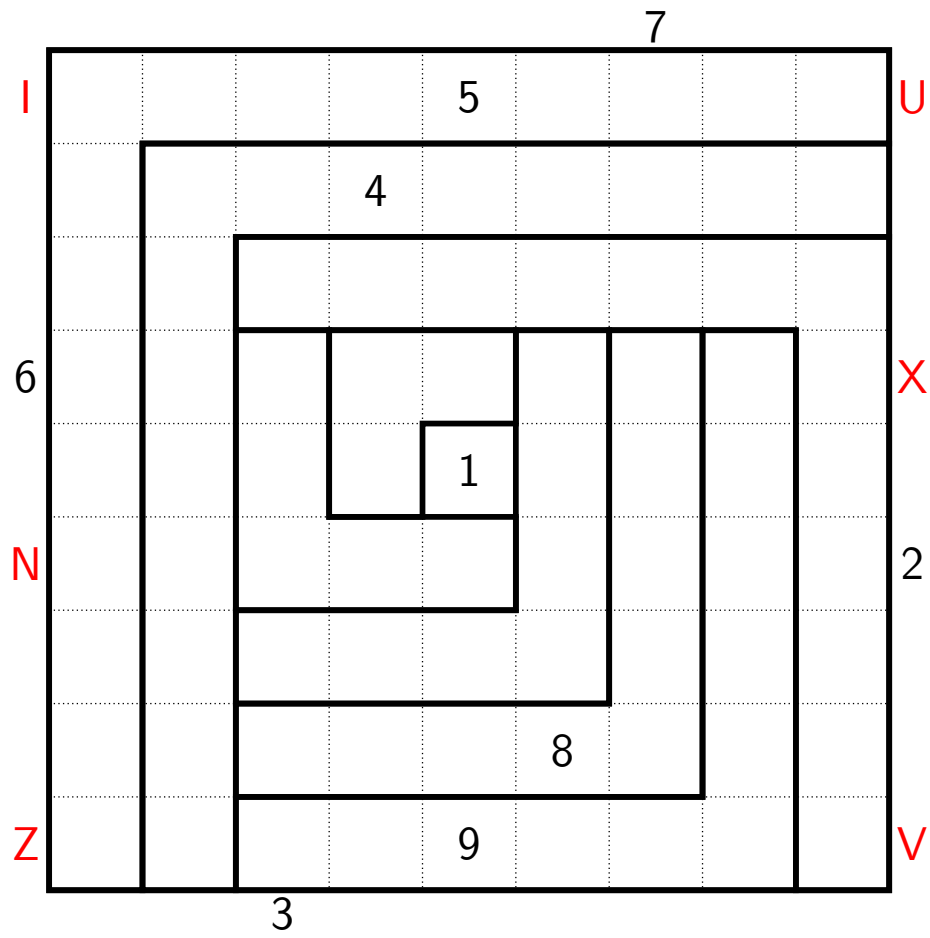
{1:1, 2:[2, 3], 3:4, 4:8, 5:9, 6:4, 7:7, 8:5, 9:6}

digits 3,6 are fighting over hook 4



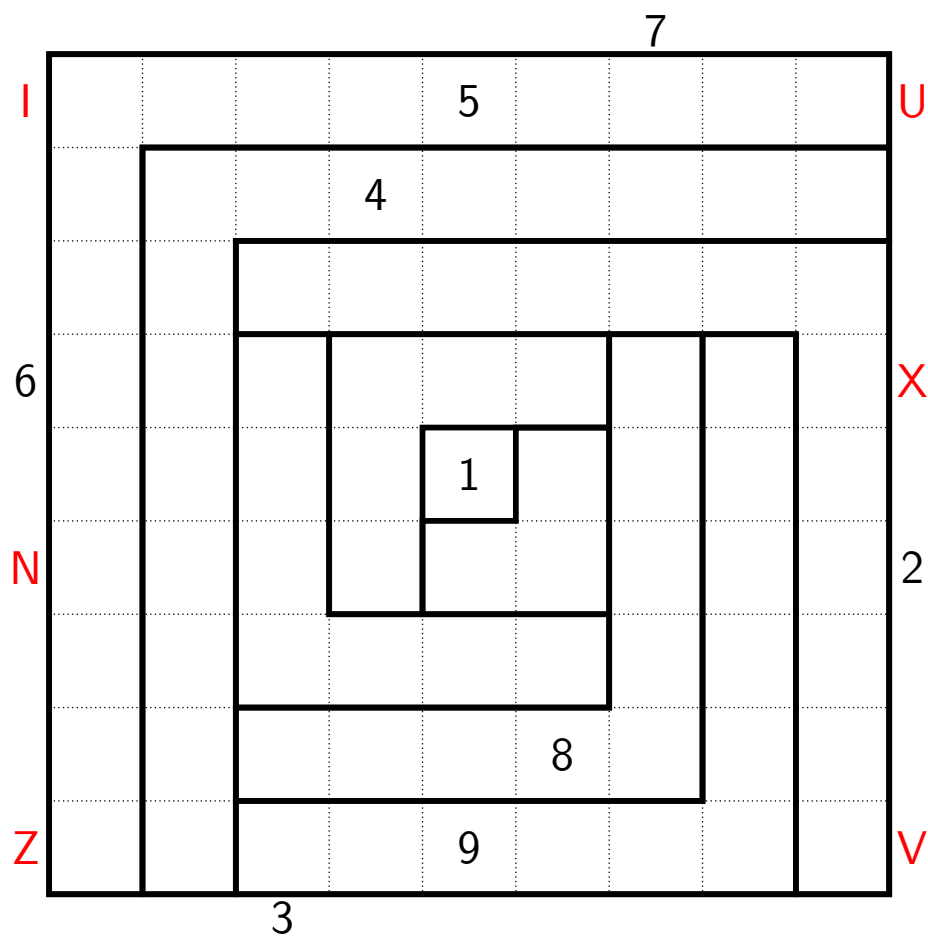
—1 : 1, 2 : 2, 3 : 3, 4 : 8, 5 : 9, 6 : 4, 7 : 7, 8 : 5, 9 : 6''

$-1 : 1, 2 : 2, 3 : 3, 4 : 8, 5 : 9, 6 : 4, 7 : 7, 8 : 5, 9 : 6''$



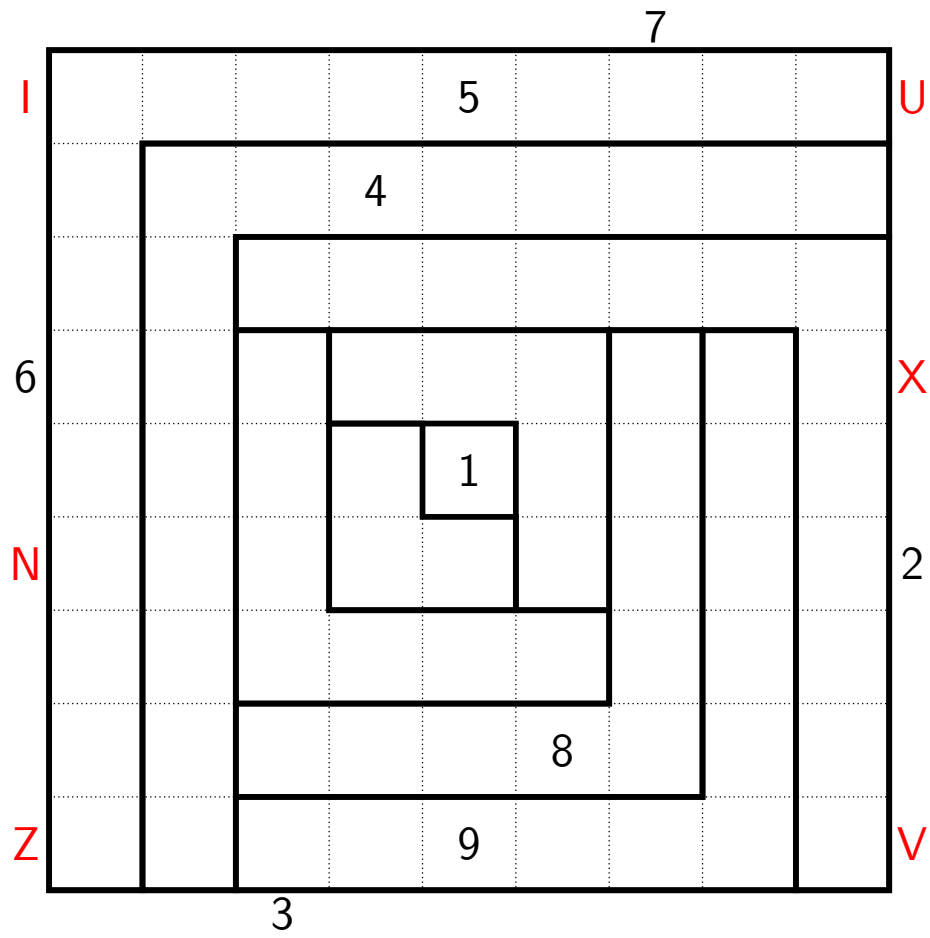
{1:1, 2:3, 3:3, 4:8, 5:9, 6:4, 7:7, 8:5, 9:6}

digits 2,3 are fighting over hook 3



{1:1, 2:[2, 3], 3:4, 4:8, 5:9, 6:4, 7:7, 8:5, 9:6}

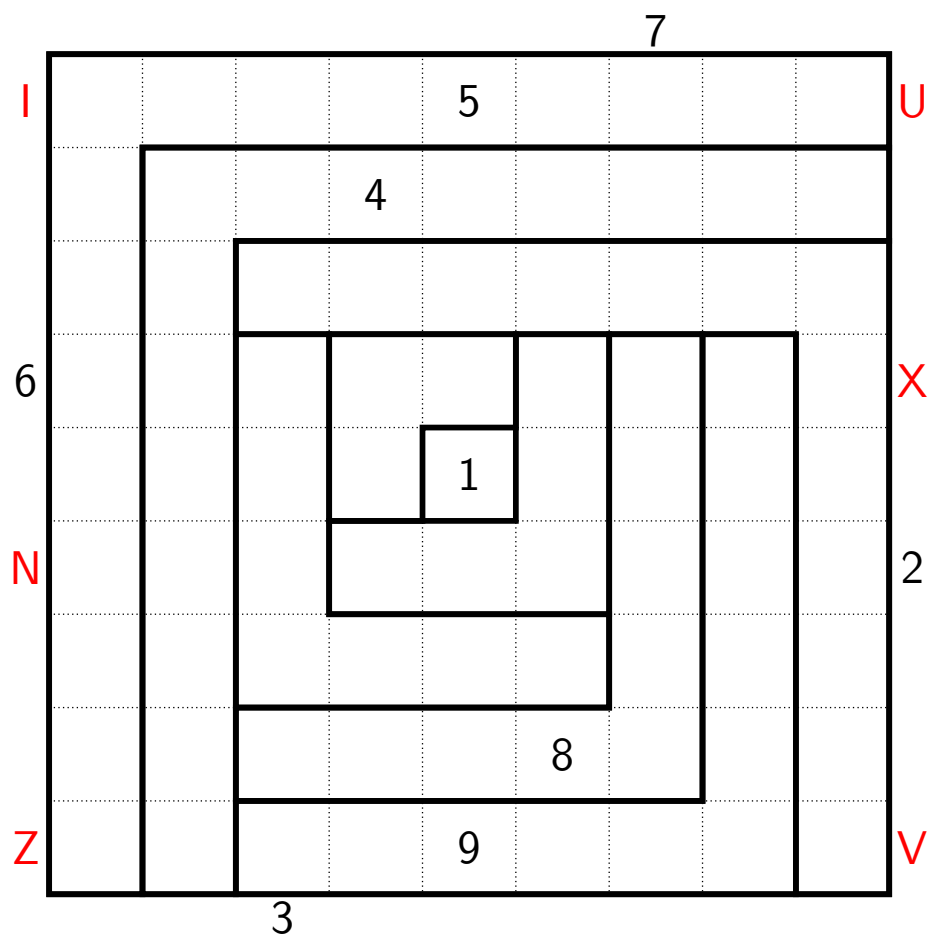
digits 3,6 are fighting over hook 4



{1:1, 2:[2, 3], 3:4, 4:8, 5:9, 6:4, 7:7, 8:5, 9:6}

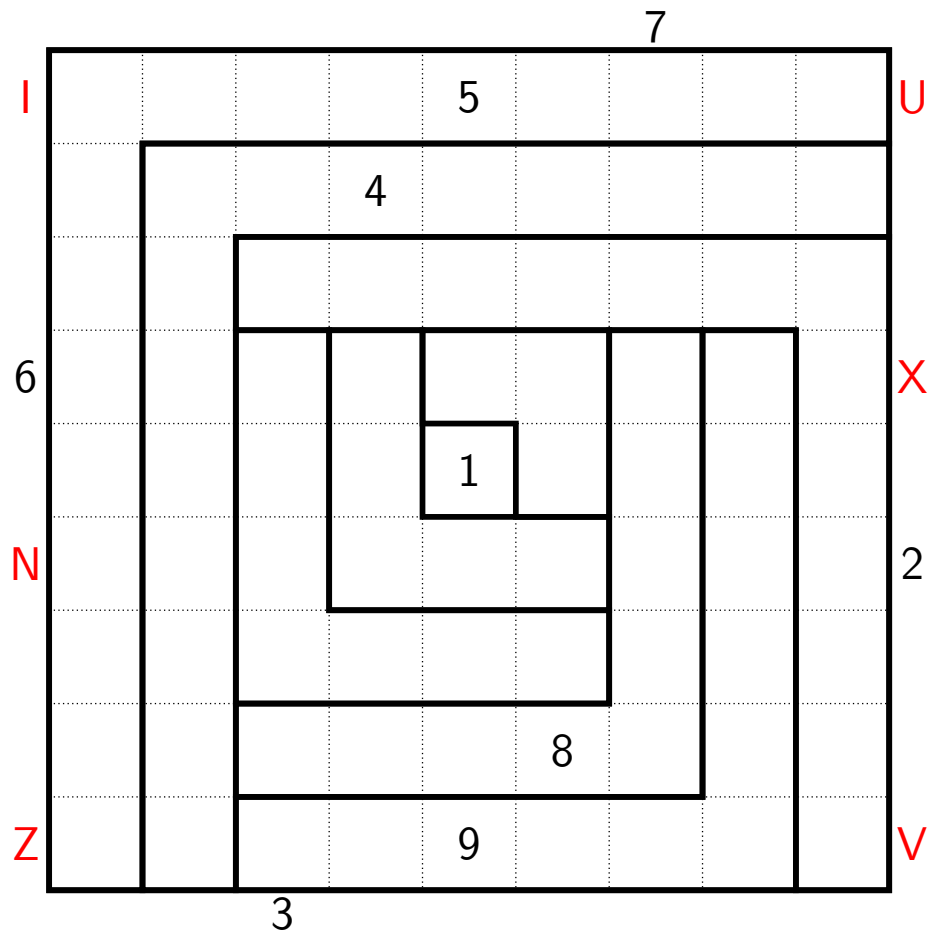
digits 3,6 are fighting over hook 4





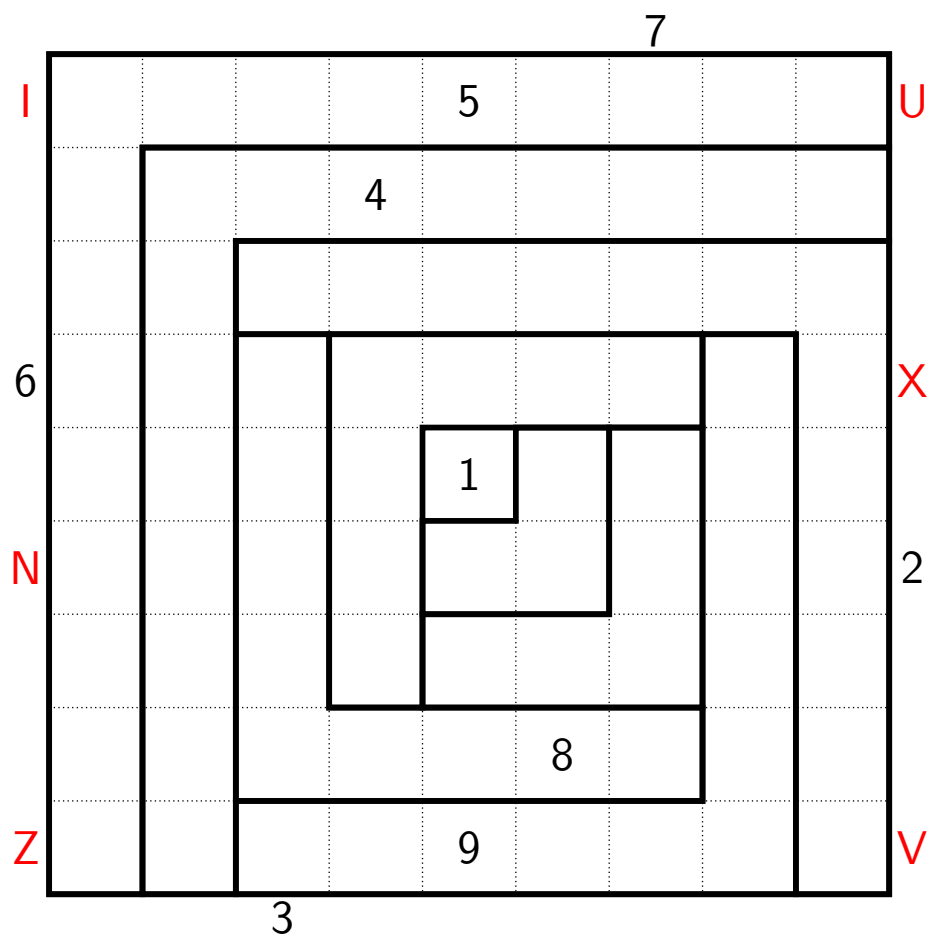
{1:1, 2:3, 3:4, 4:8, 5:9, 6:4, 7:7, 8:5, 9:6}

digits 3,6 are fighting over hook 4



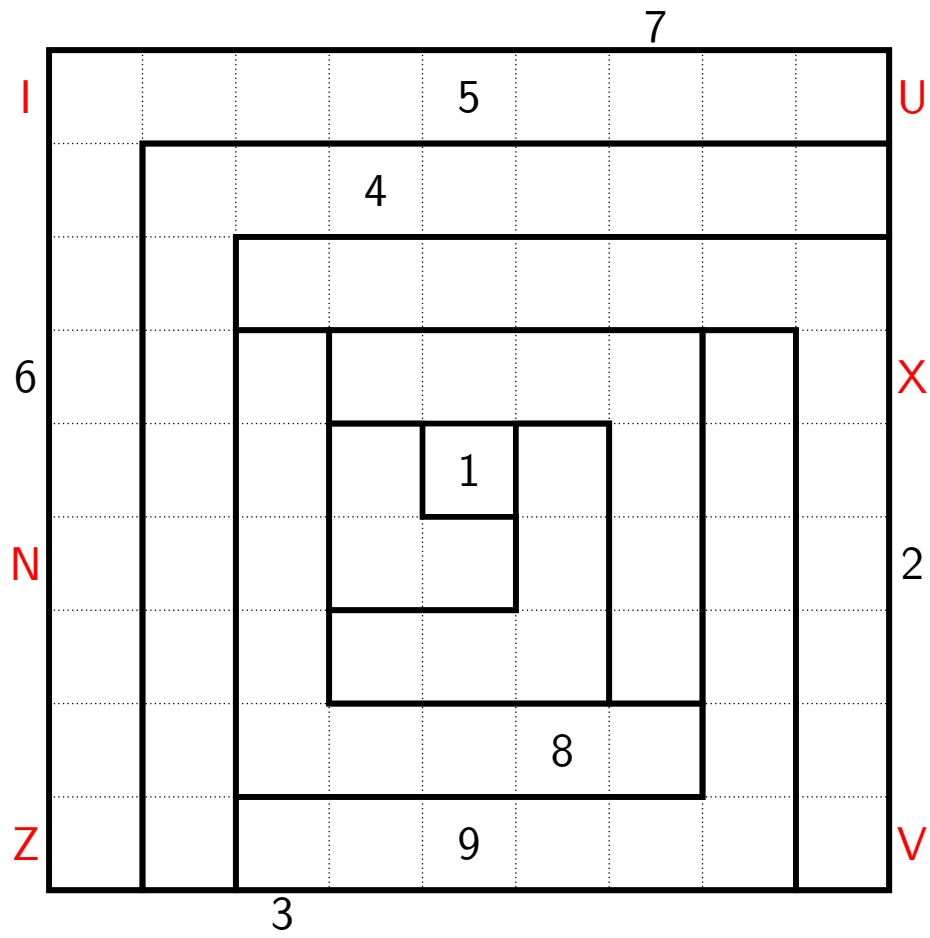
{1:1, 2:3, 3:4, 4:8, 5:9, 6:4, 7:7, 8:5, 9:6}

digits 3,6 are fighting over hook 4



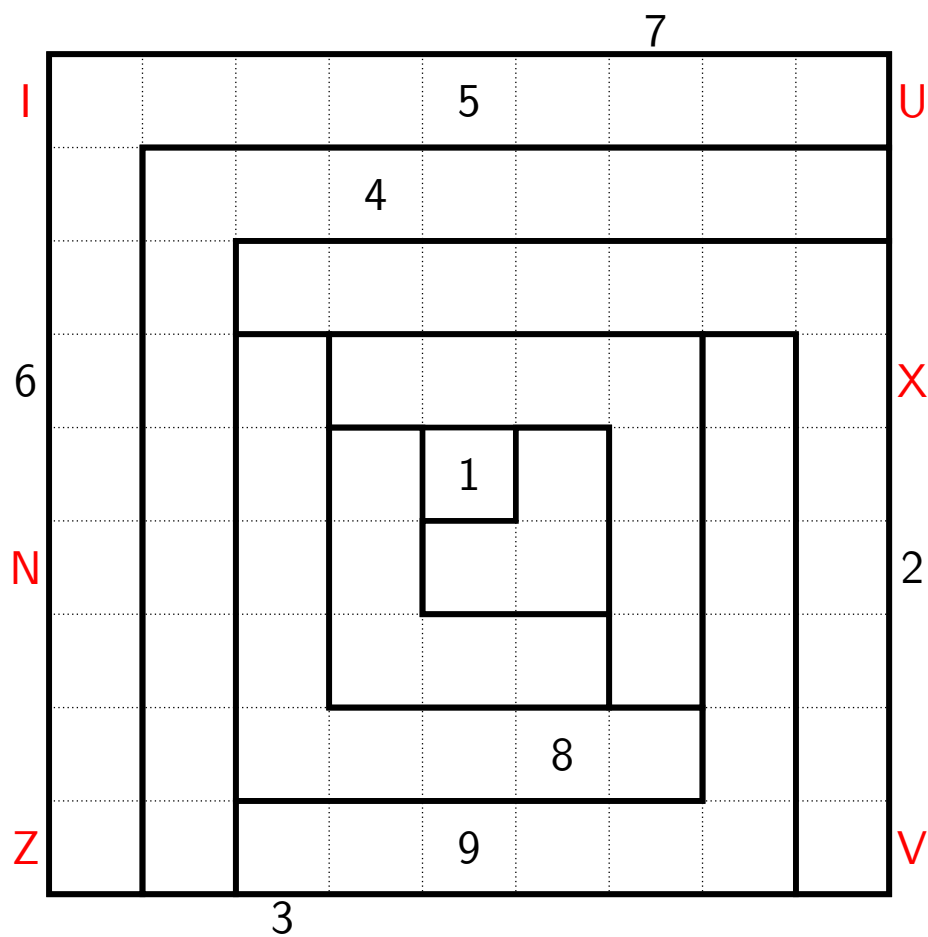
{1:1, 2:[2, 3], 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}

digit(s) 7 cannot be assigned to any hook



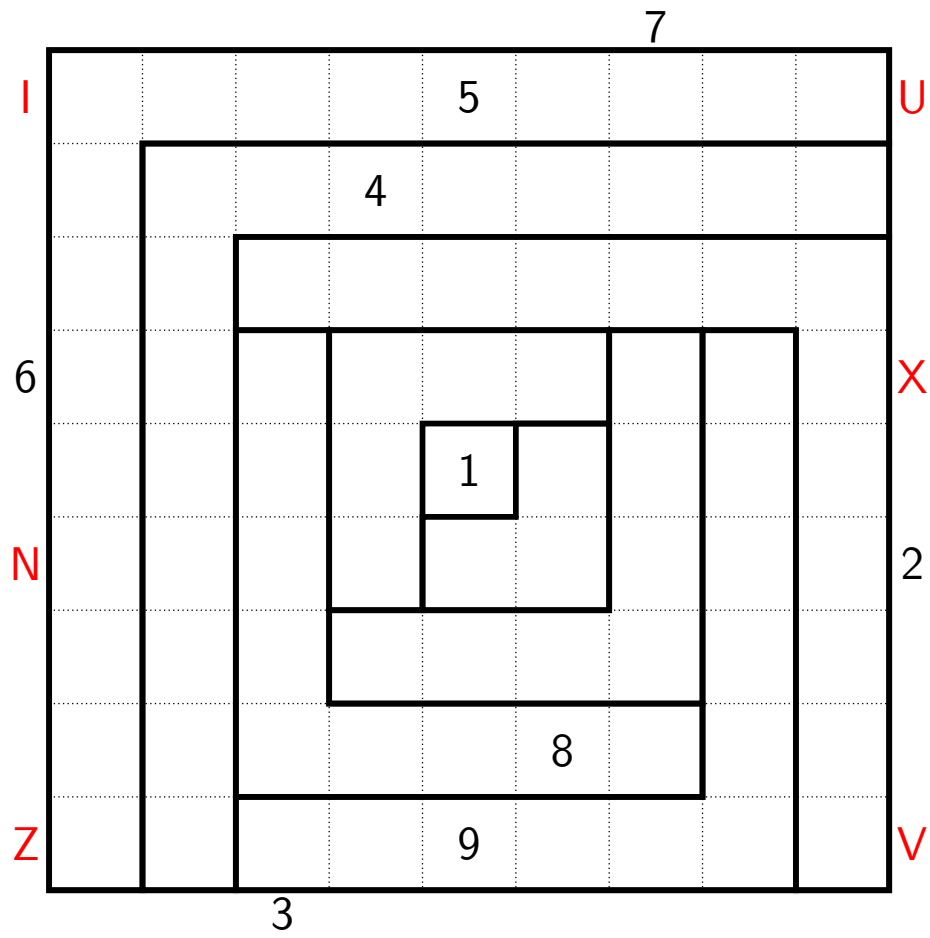
{1:1, 2:[2, 3], 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}

digit(s) 7 cannot be assigned to any hook



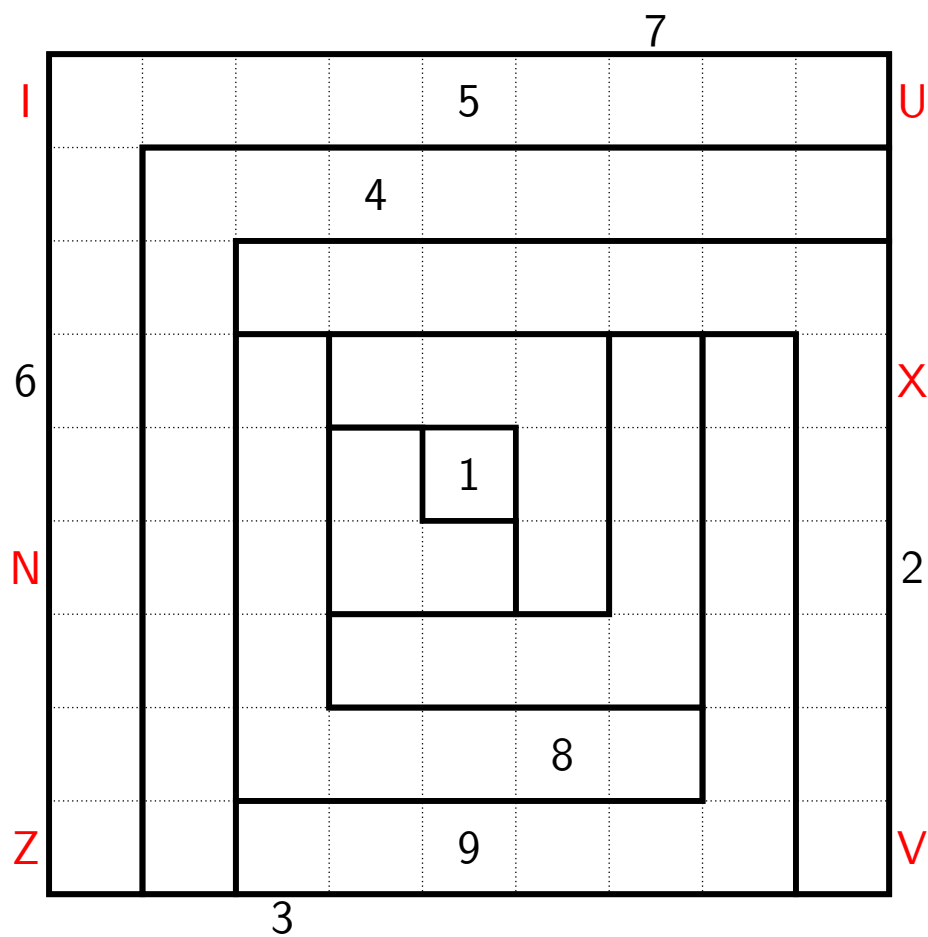
{1:1, 2:[2, 3], 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}

digit(s) 7 cannot be assigned to any hook



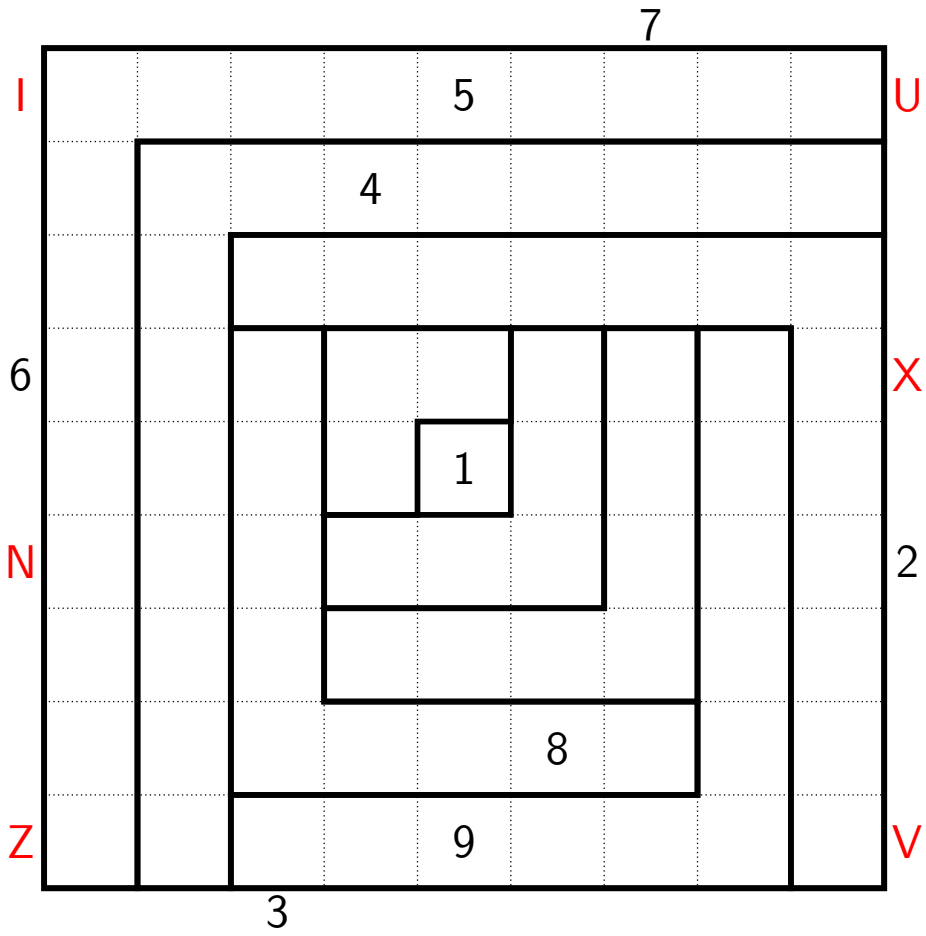
{1:1, 2:[2, 3], 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}

digit(s) 7 cannot be assigned to any hook



{1:1, 2:[2, 3], 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}

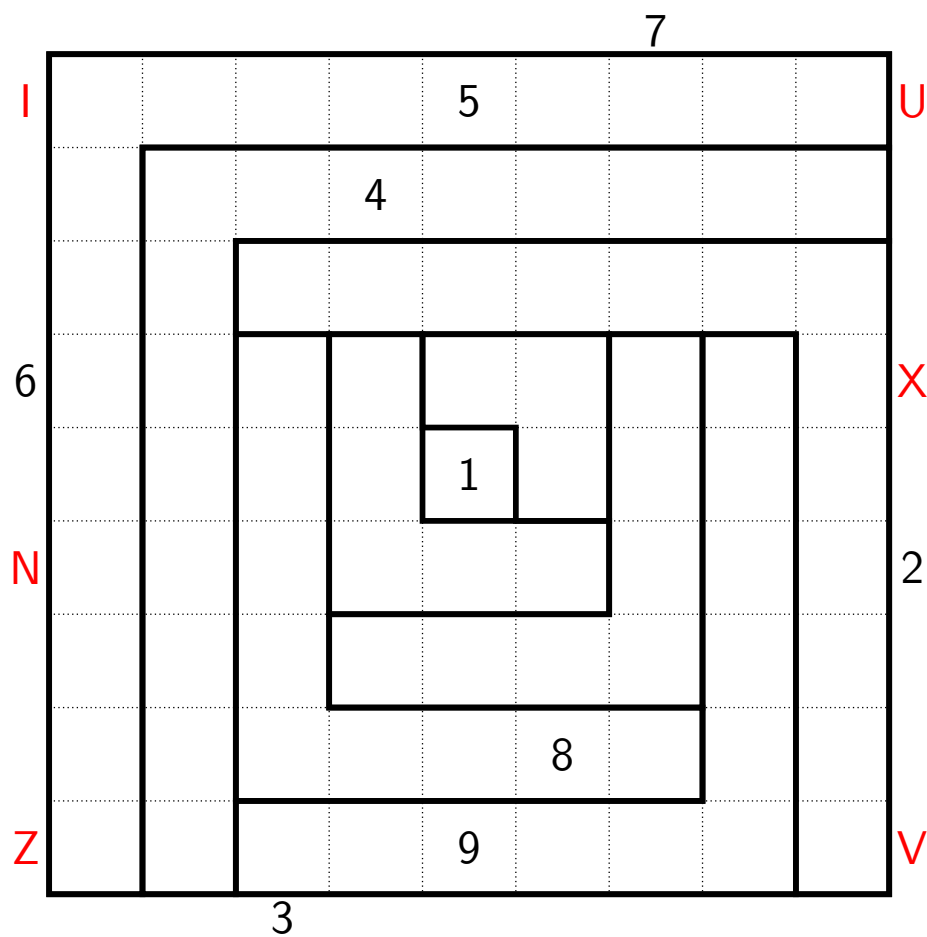
digit(s) 7 cannot be assigned to any hook



```
{1:1, 2:3, 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}
```

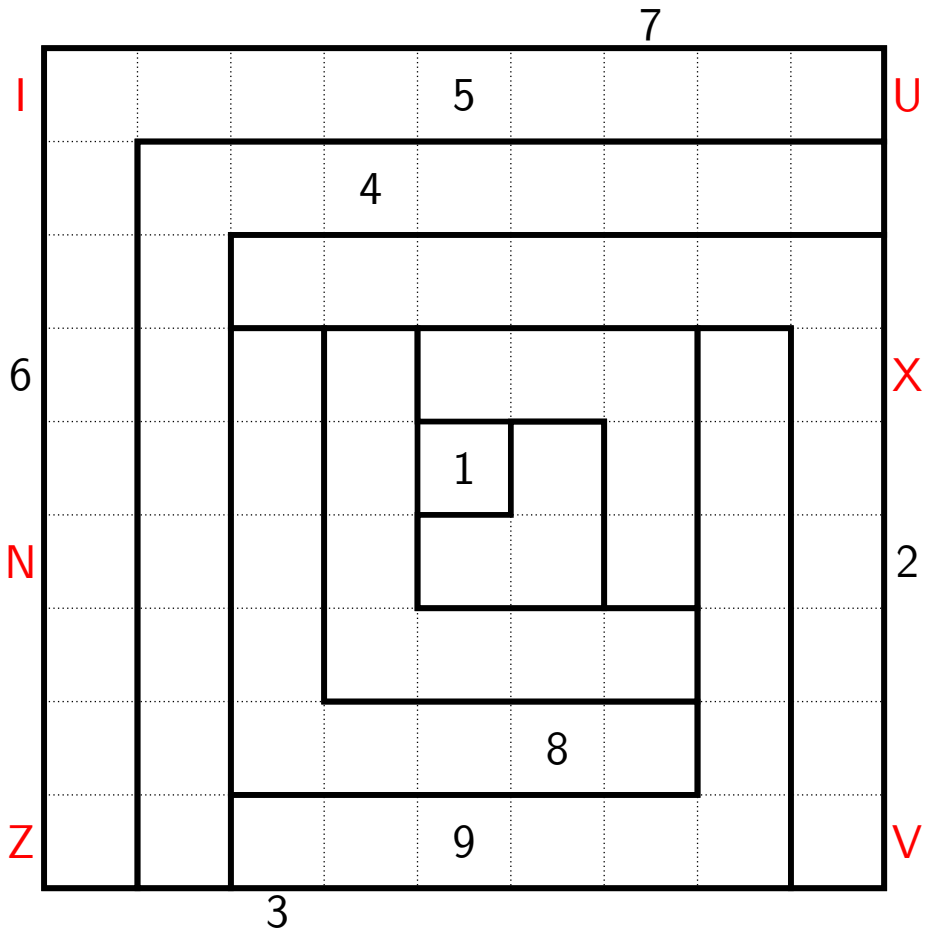
```
digit(s) 7 cannot be assigned to any hook
```





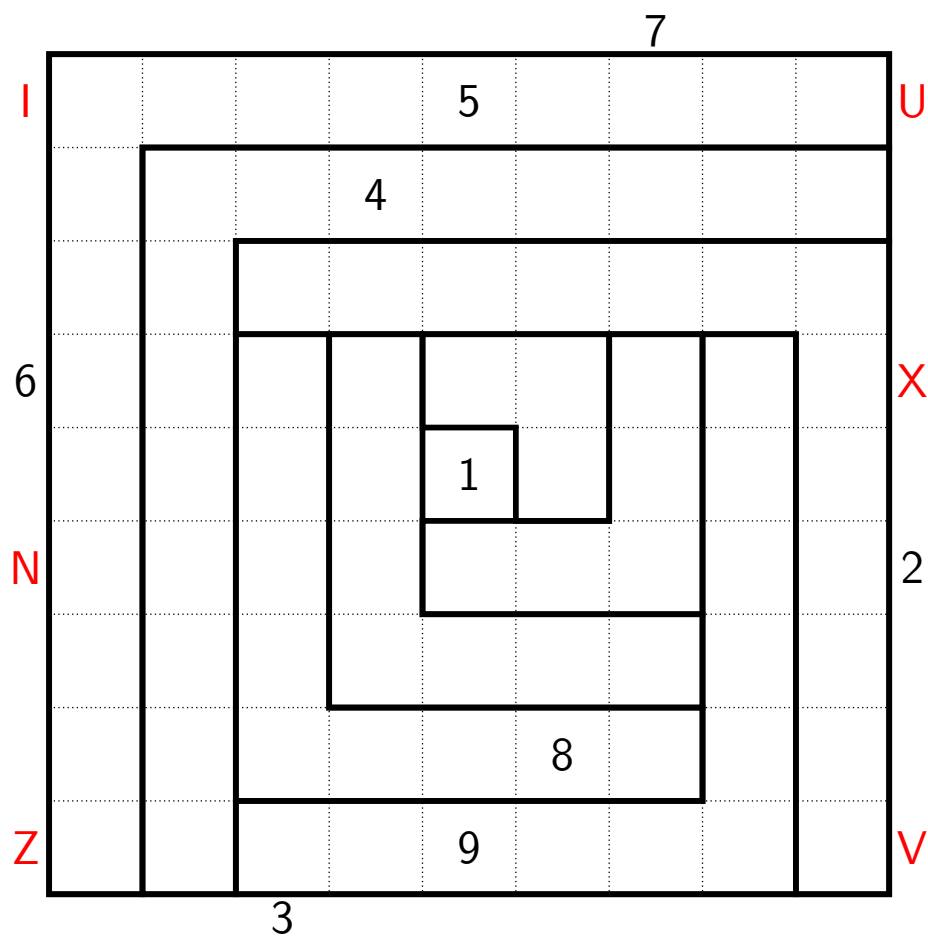
{1:1, 2:3, 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}

digit(s) 7 cannot be assigned to any hook



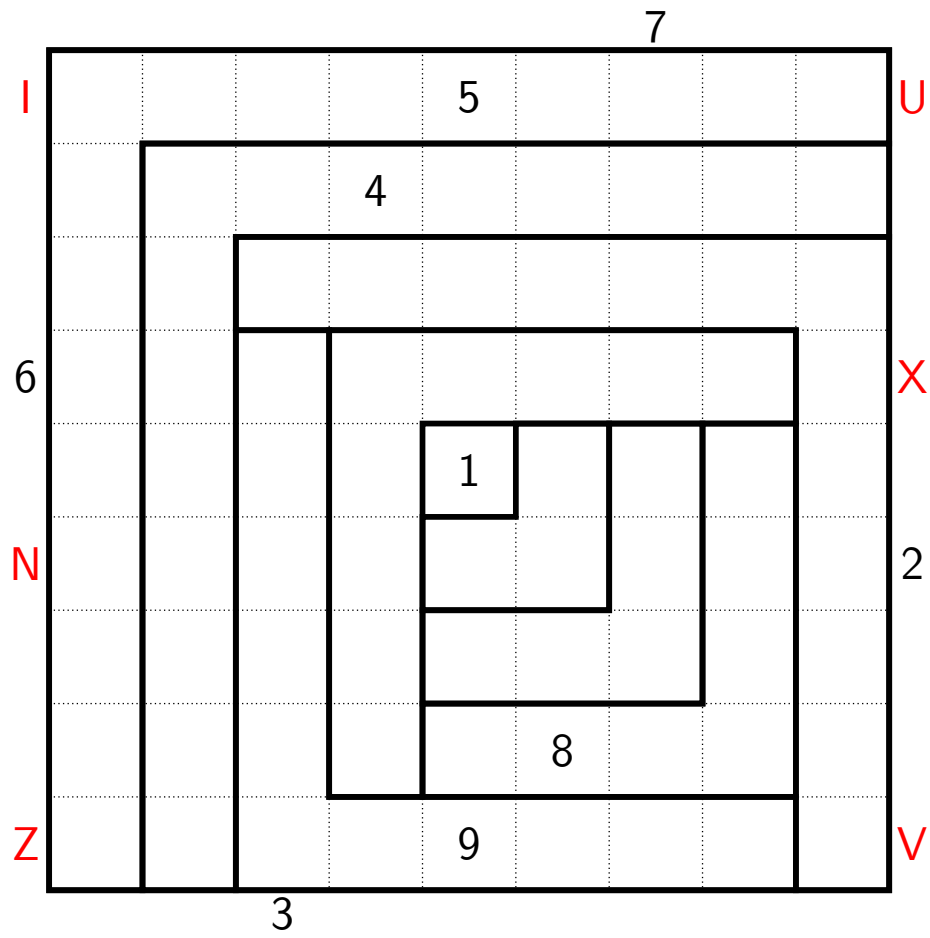
```
{1:1, 2:[2, 3], 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}
```

```
digit(s) 7 cannot be assigned to any hook
```



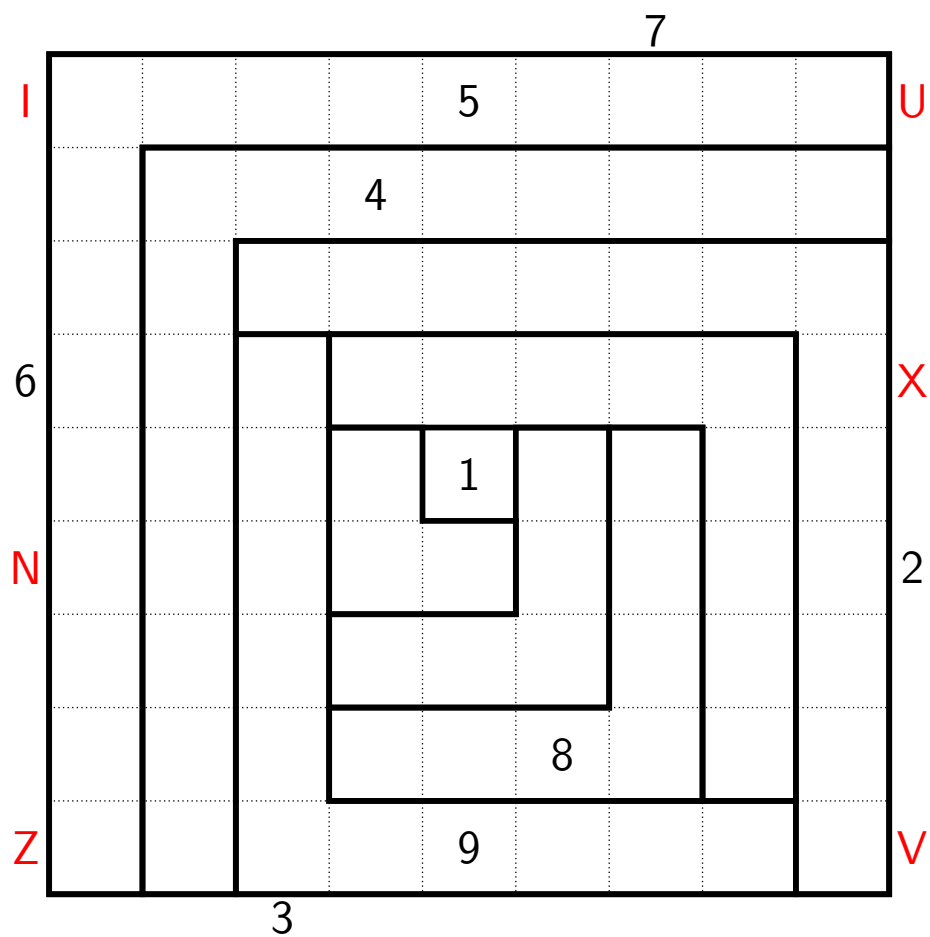
{1:1, 2:3, 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}

digit(s) 7 cannot be assigned to any hook



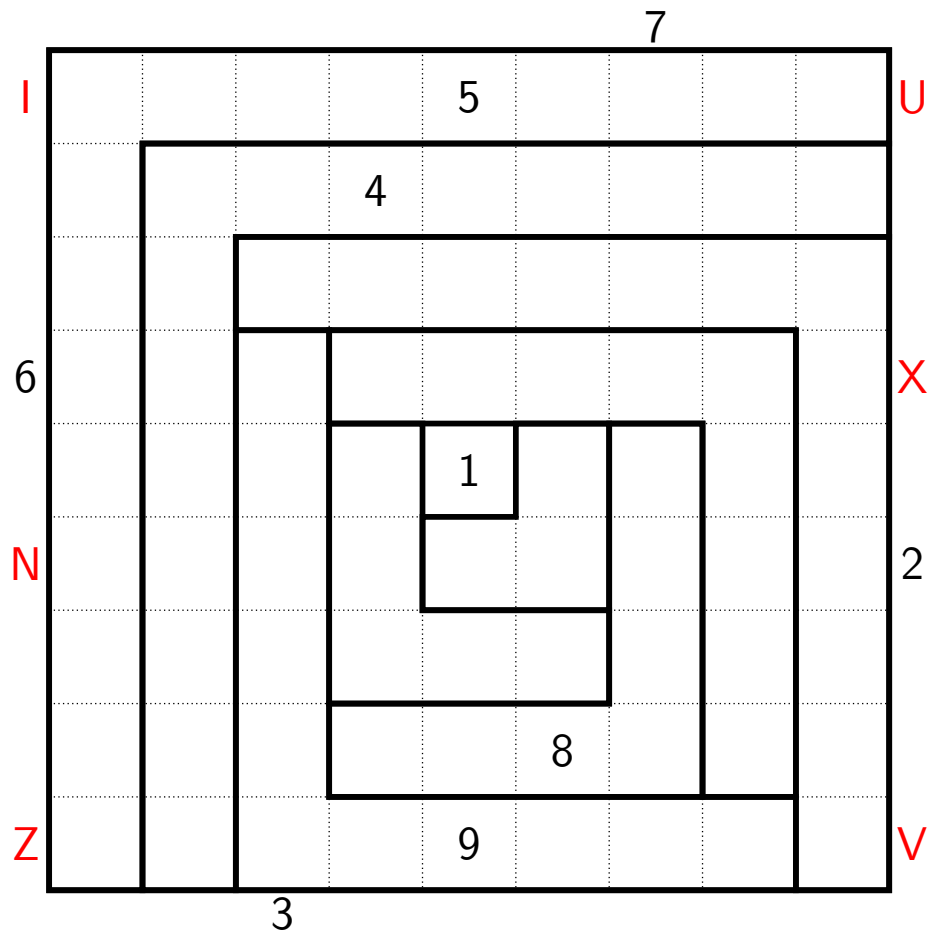
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:6}

hook 4 is too small for digit 8



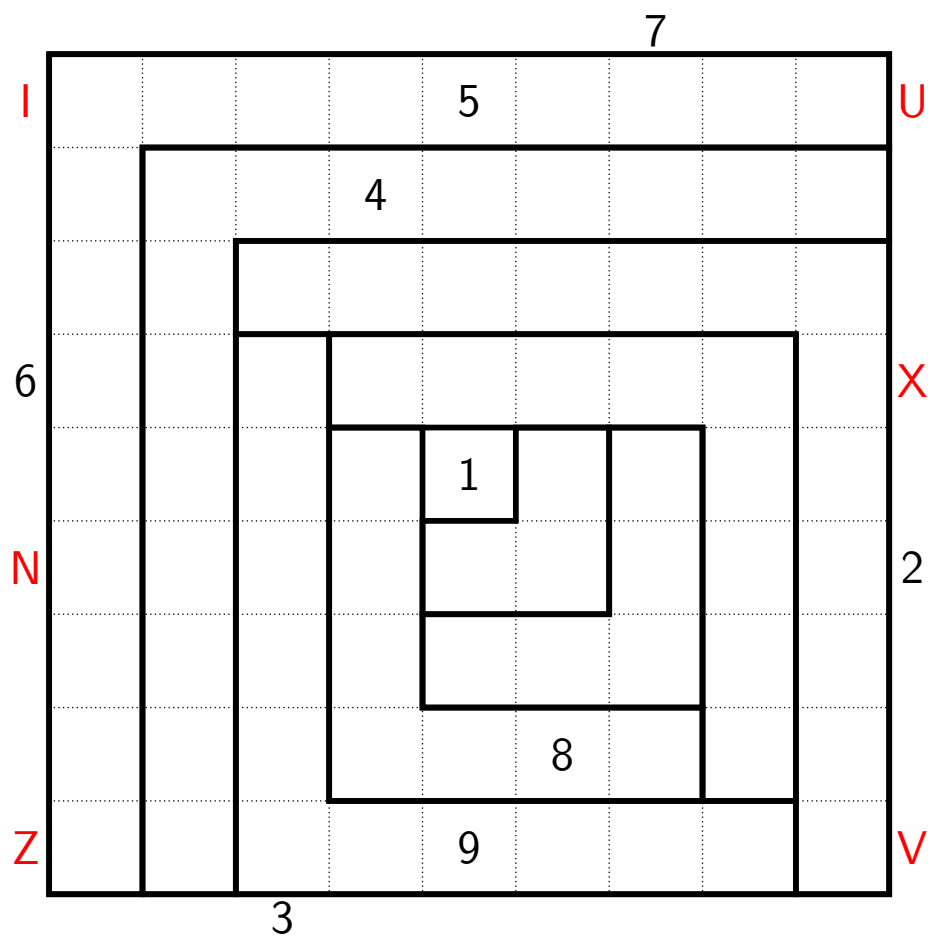
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:6}

hook 4 is too small for digit 8



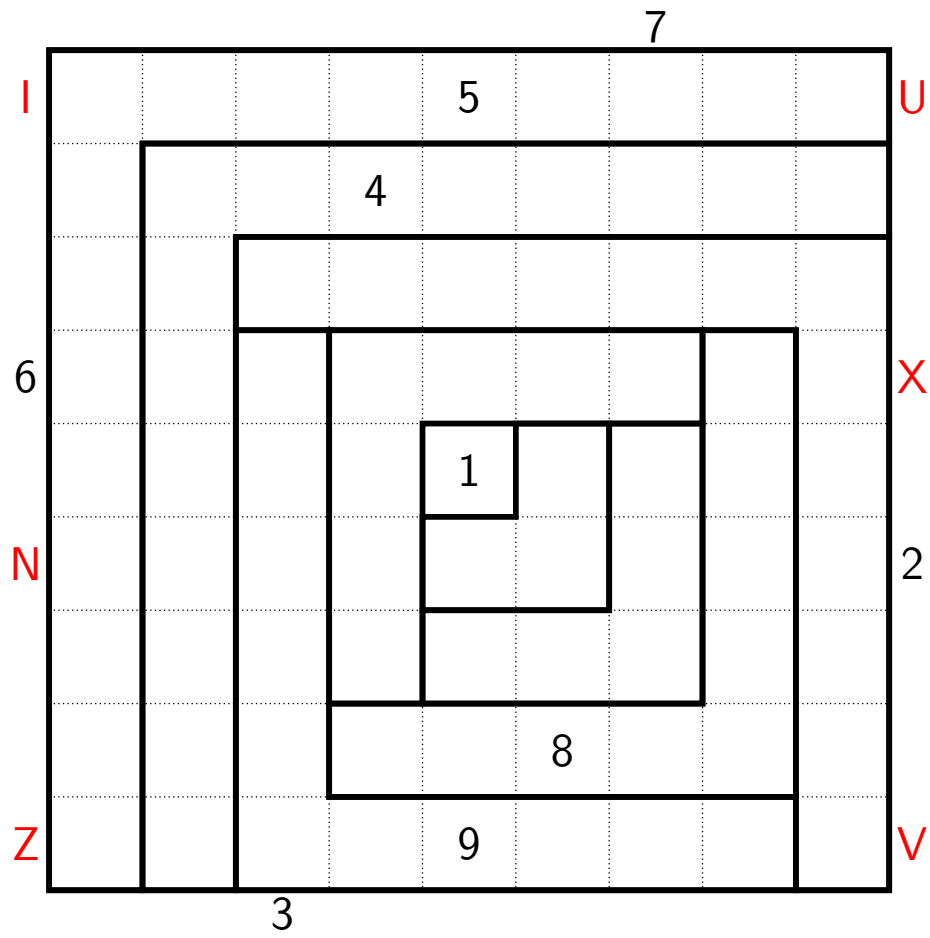
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:6}

hook 4 is too small for digit 8



{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:6}

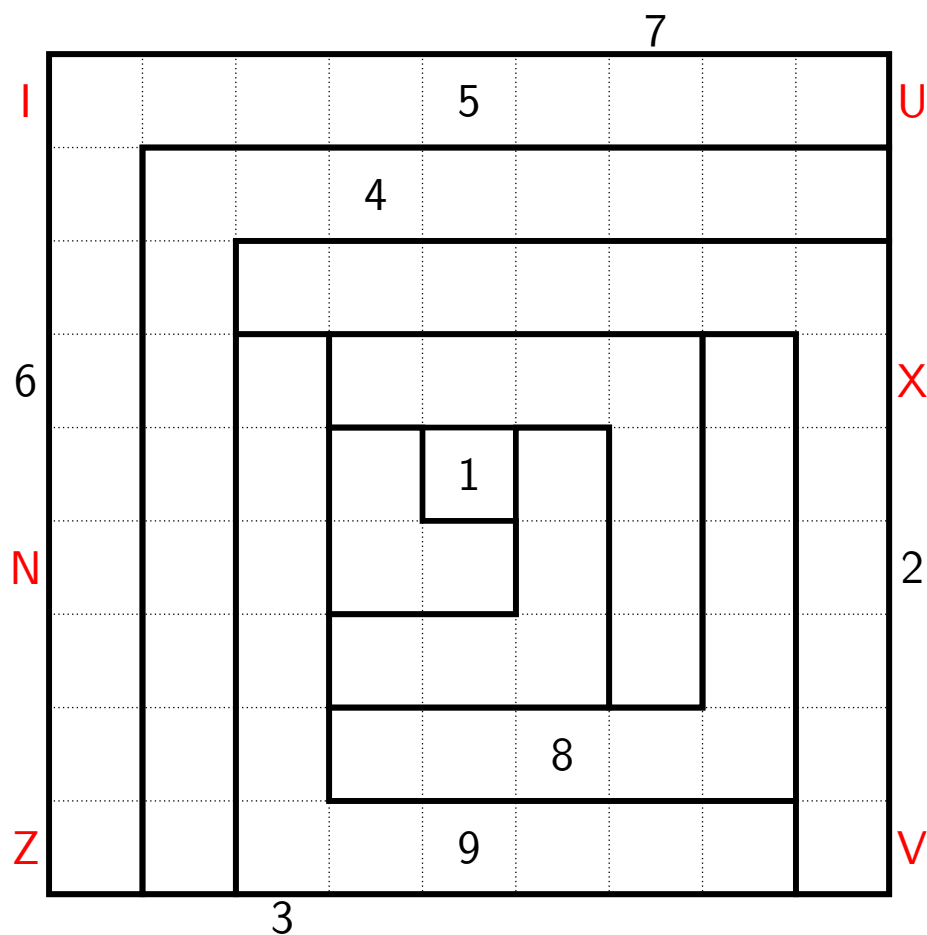
hook 4 is too small for digit 8



{1:1, 2:[2, 3], 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}

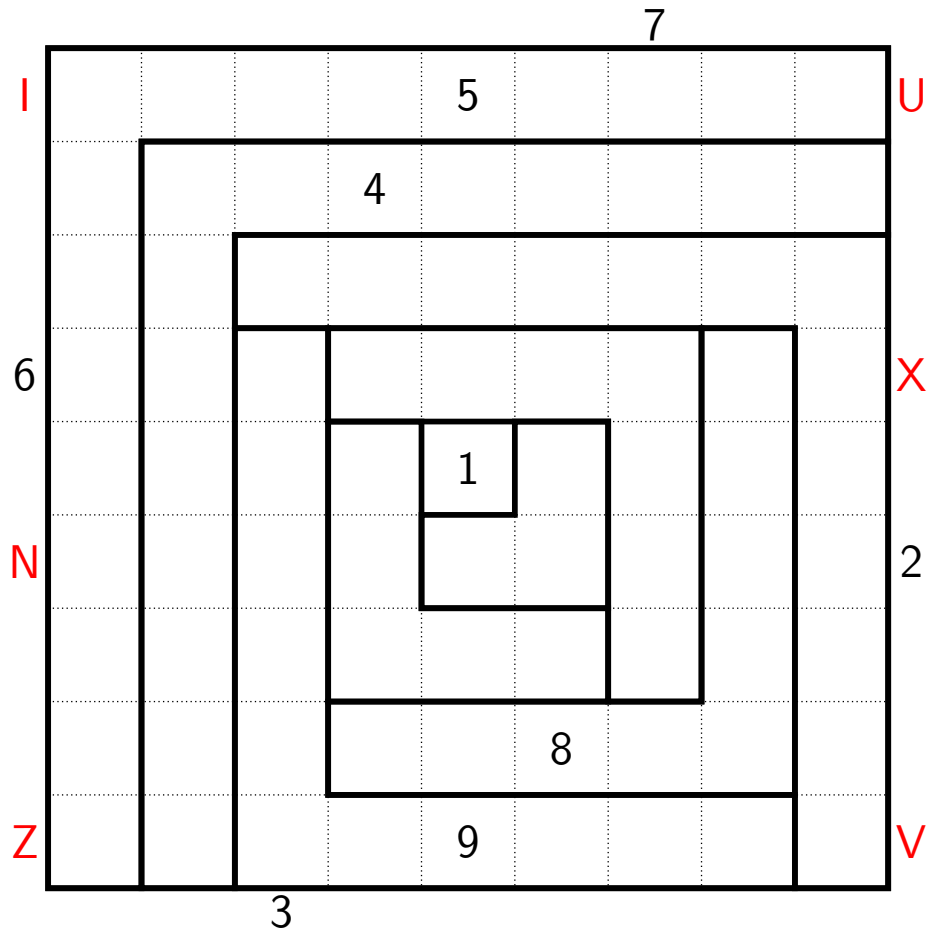
digit(s) 7 cannot be assigned to any hook





{1:1, 2:[2, 3], 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}

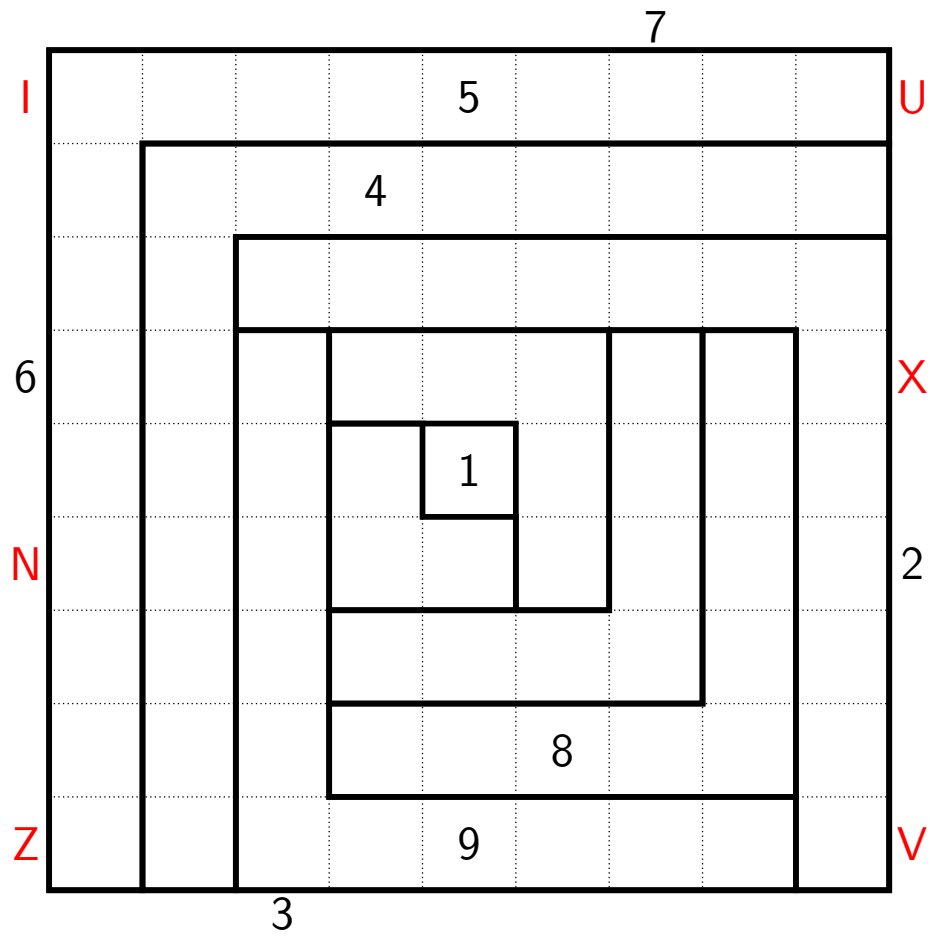
digit(s) 7 cannot be assigned to any hook



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{1:1, 2:[2, 3], 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}
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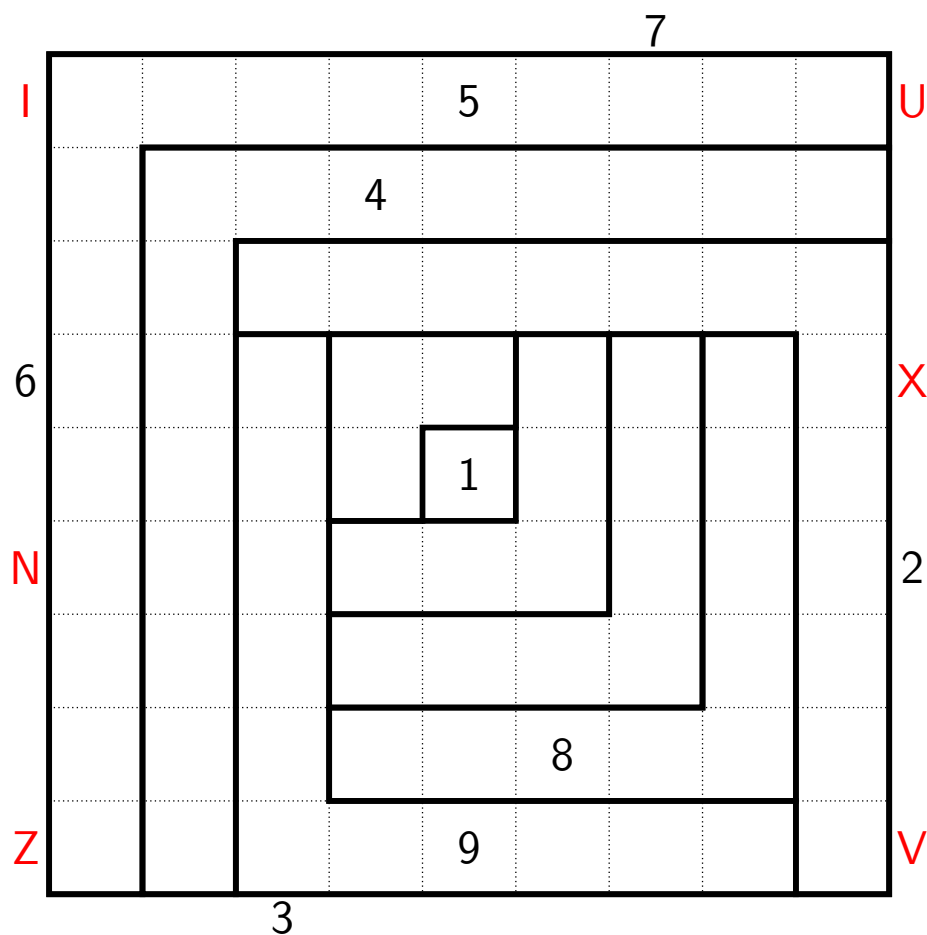
digit(s) 7 cannot be assigned to any hook

digit(s) 7 cannot be assigned to any hook



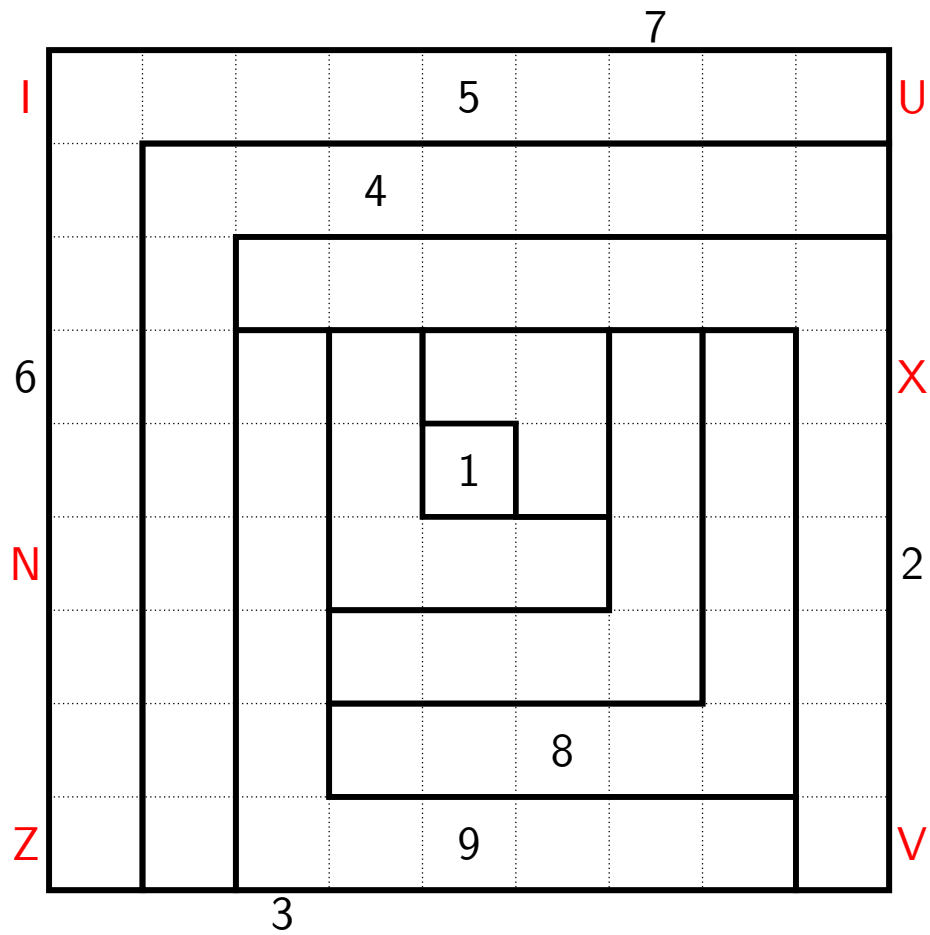
{1:1, 2:[2, 3], 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}

digit(s) 7 cannot be assigned to any hook



{1:1, 2:3, 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}

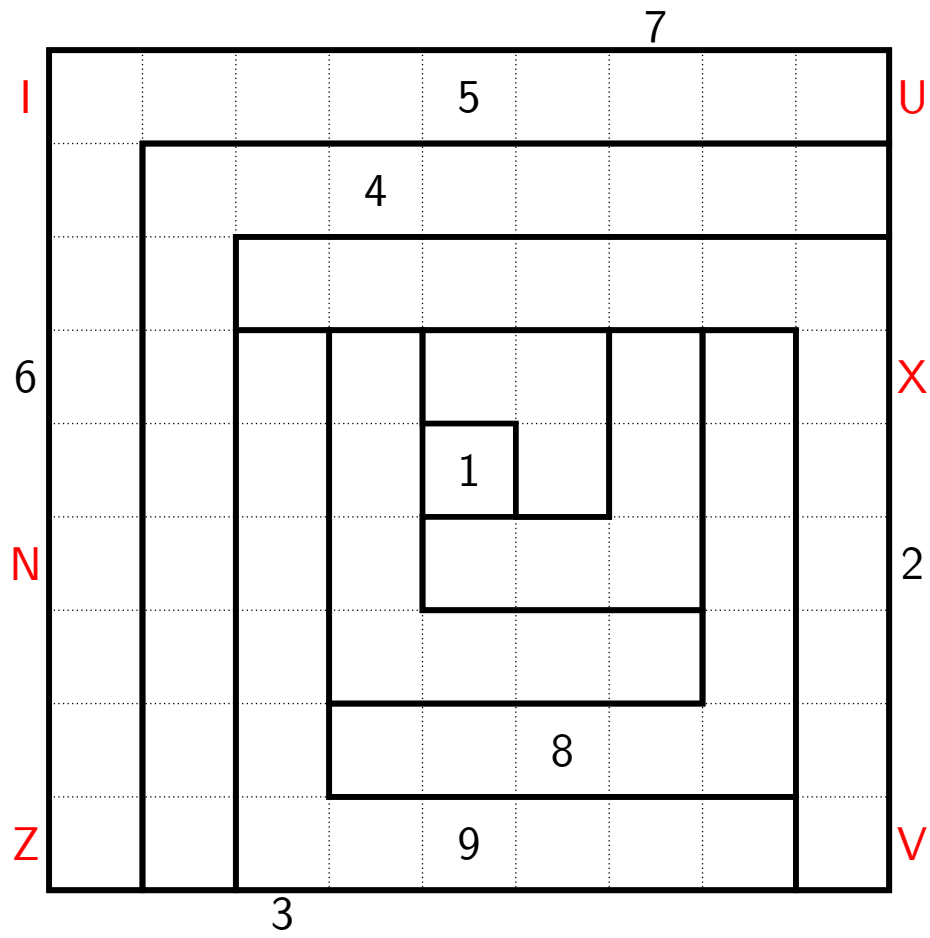
digit(s) 7 cannot be assigned to any hook



{1:1, 2:3, 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}

digit(s) 7 cannot be assigned to any hook

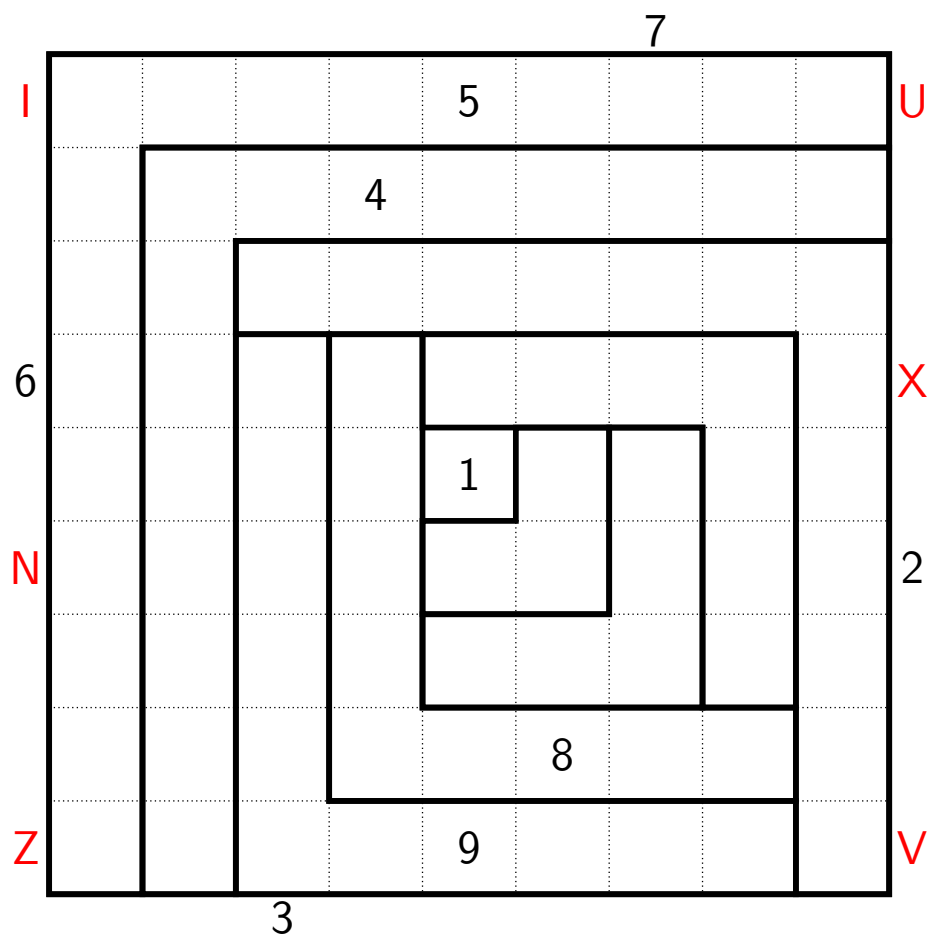
digit(s) 7 cannot be assigned to any hook



{1:1, 2:3, 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}

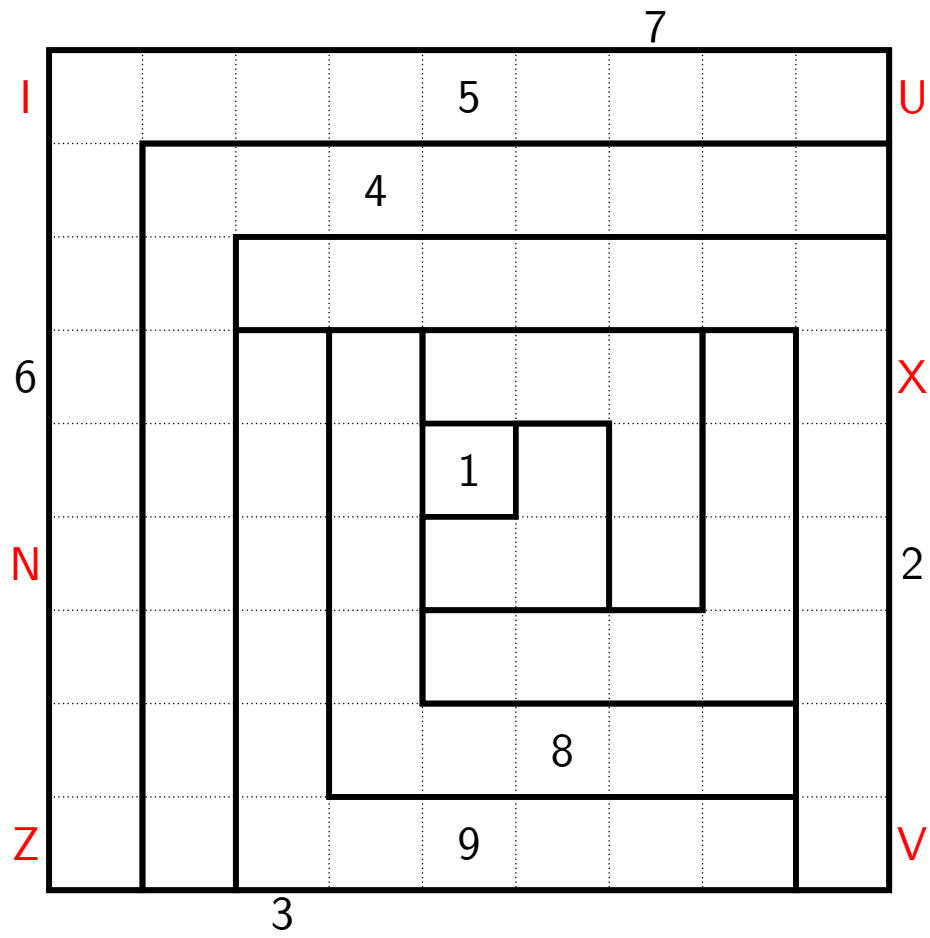
digit(s) 7 cannot be assigned to any hook





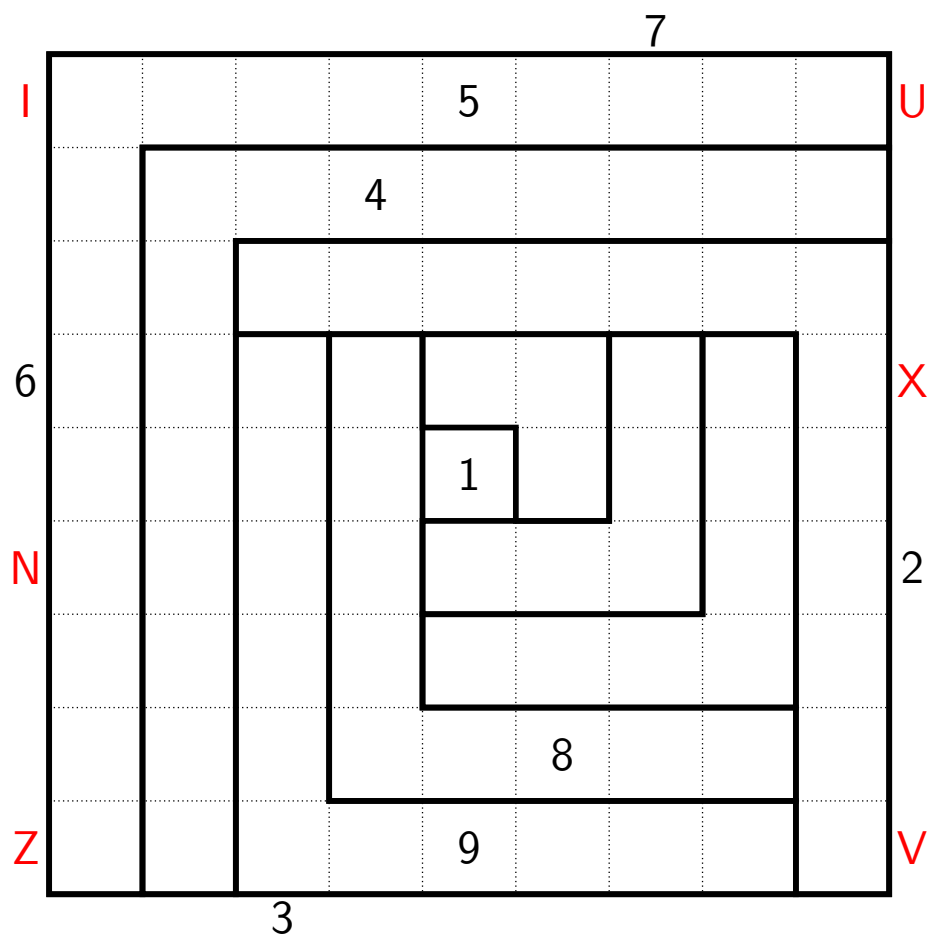
{1:1, 2:[2, 3], 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}

digit(s) 7 cannot be assigned to any hook



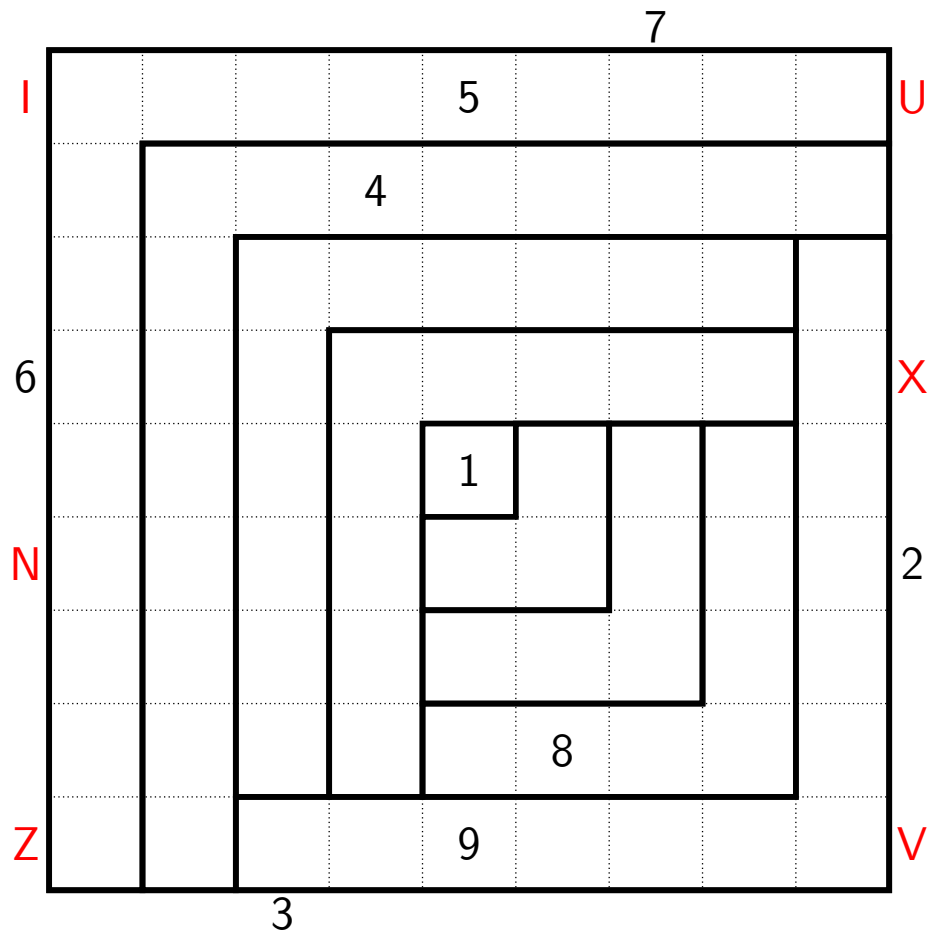
{1:1, 2:[2, 3], 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}

digit(s) 7 cannot be assigned to any hook



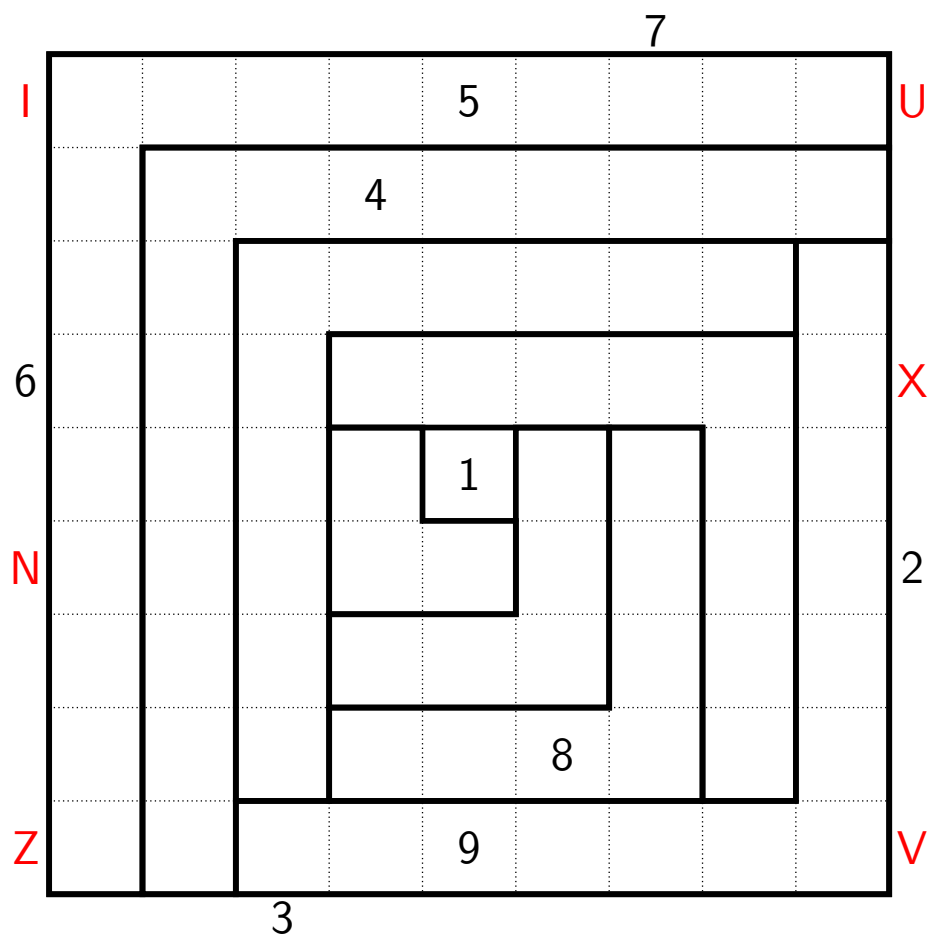
{1:1, 2:3, 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}

digit(s) 7 cannot be assigned to any hook



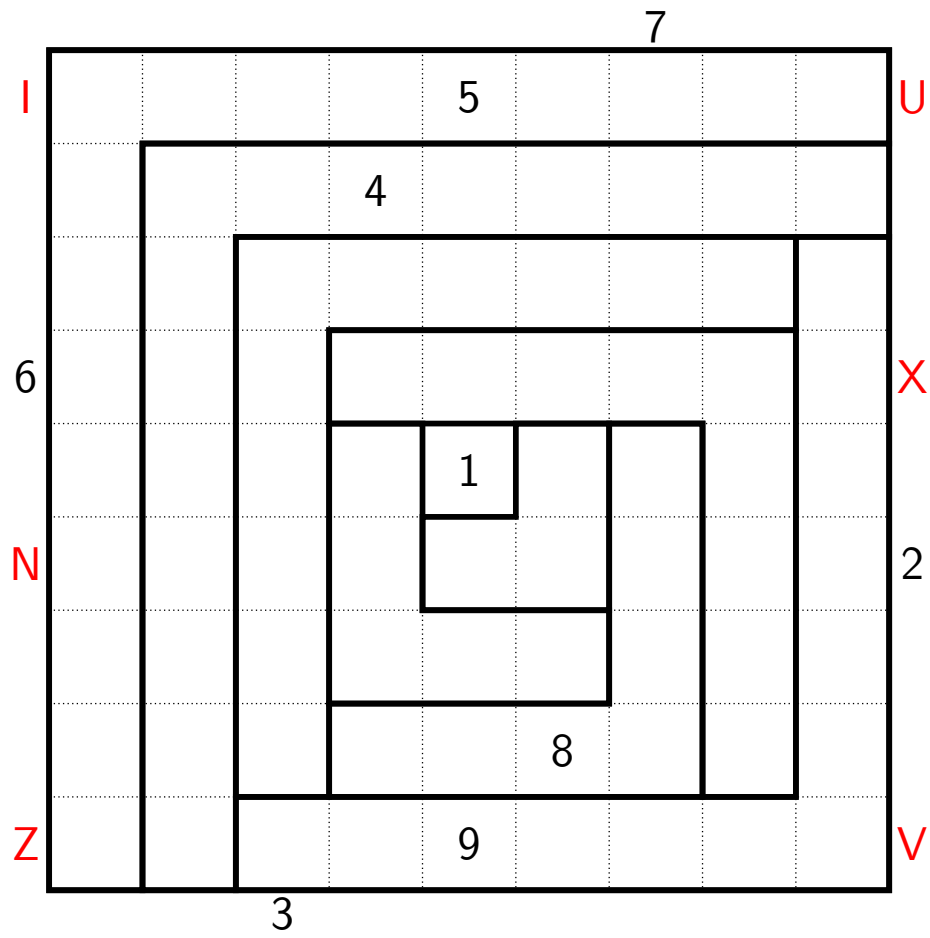
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:7}

hook 4 is too small for digit 8



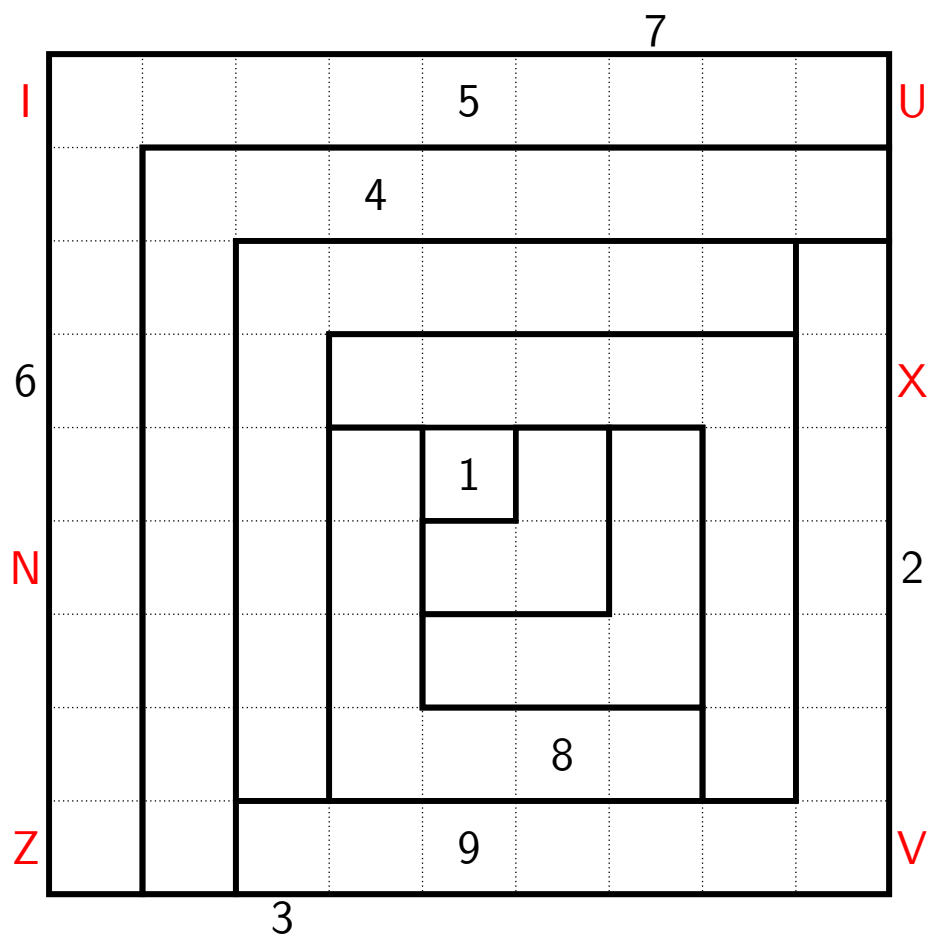
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:7}

hook 4 is too small for digit 8



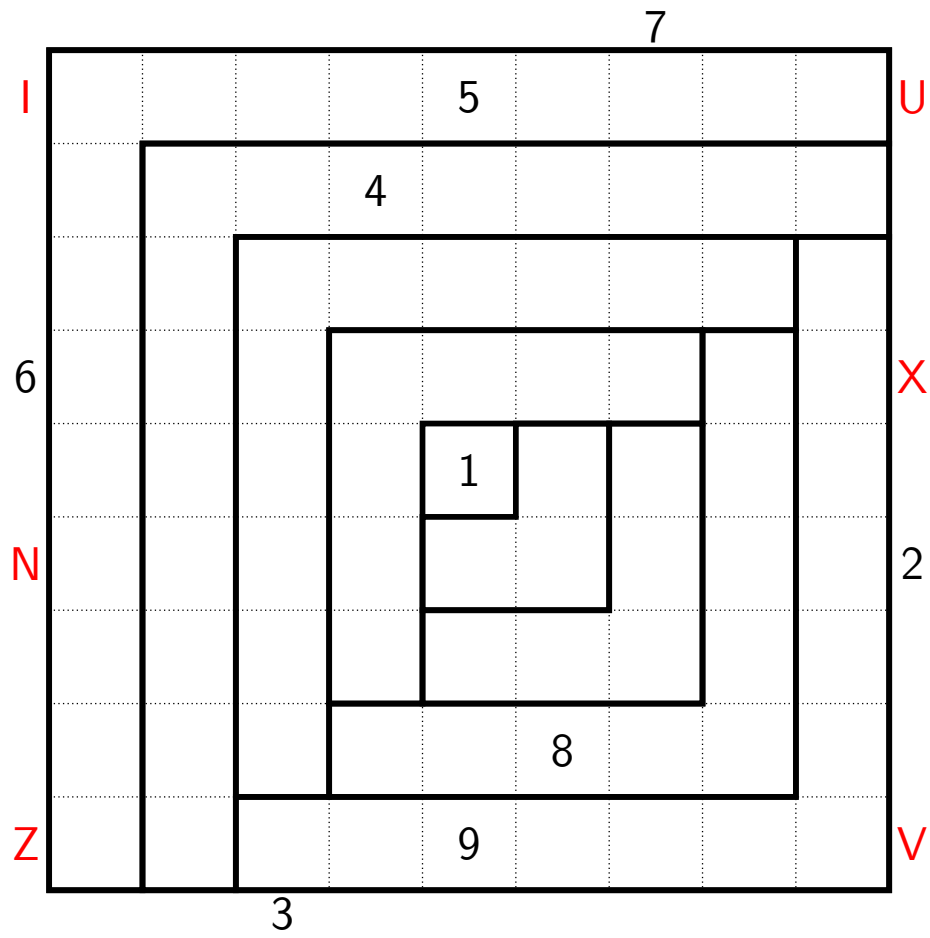
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:7}

hook 4 is too small for digit 8



{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:7}

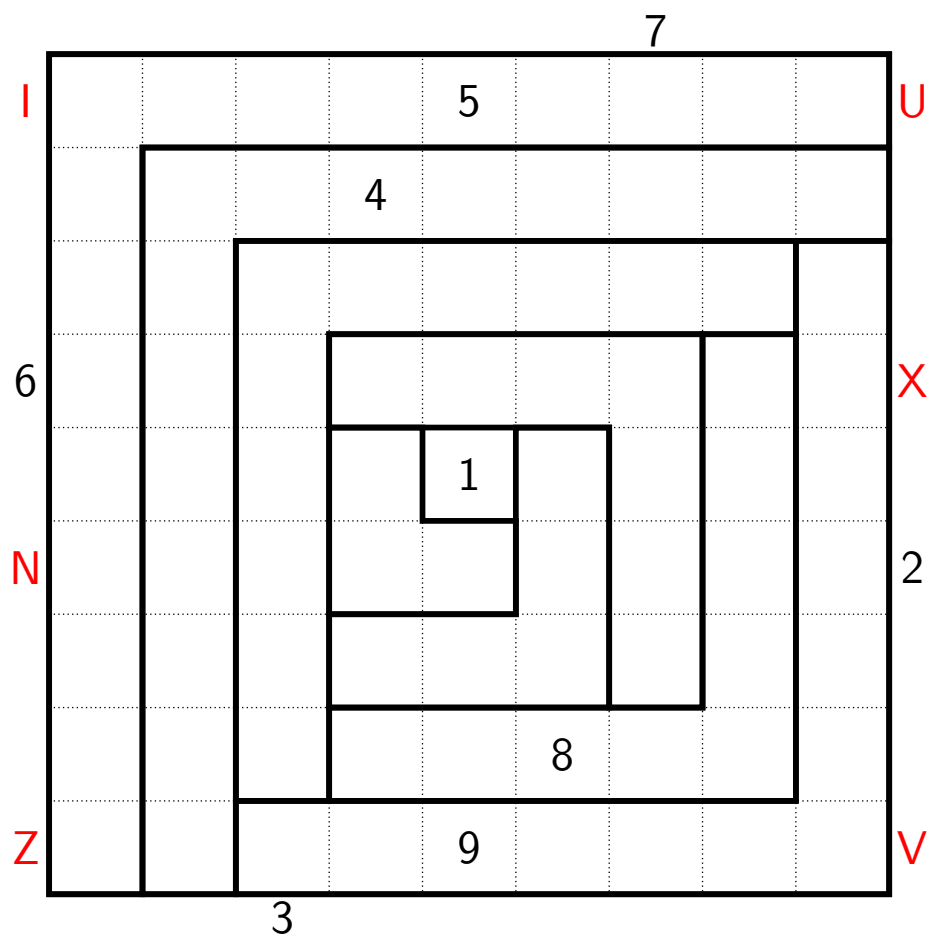
hook 4 is too small for digit 8



{1:1, 2:[2, 3], 3:6, 4:8, 5:9, 6:4, 7:[], 8:5, 9:7}

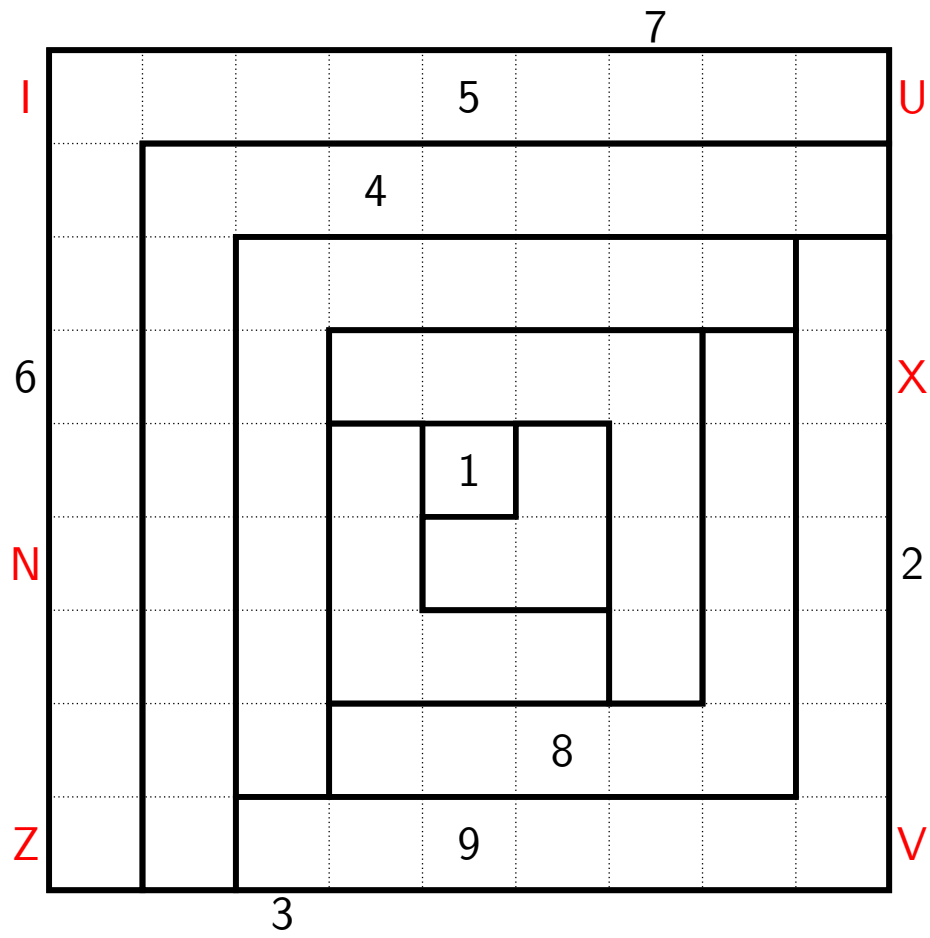
digit(s) 7 cannot be assigned to any hook





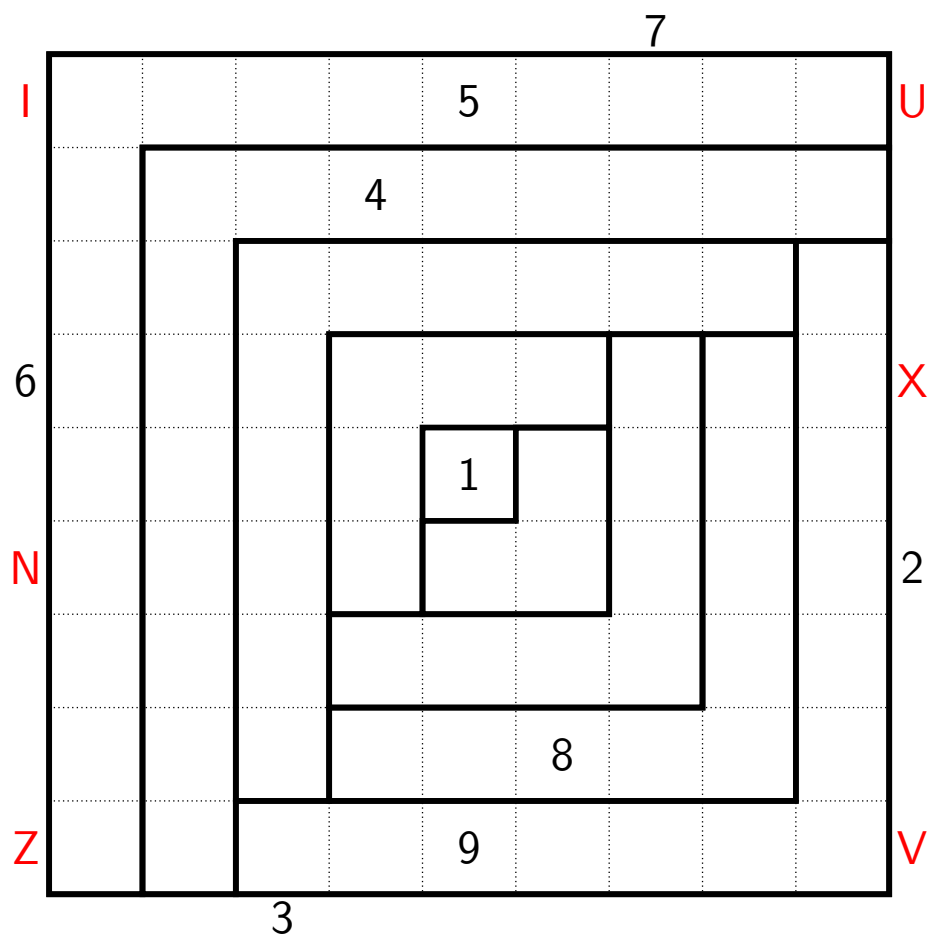
{1:1, 2:[2, 3], 3:6, 4:8, 5:9, 6:4, 7:[], 8:5, 9:7}

digit(s) 7 cannot be assigned to any hook



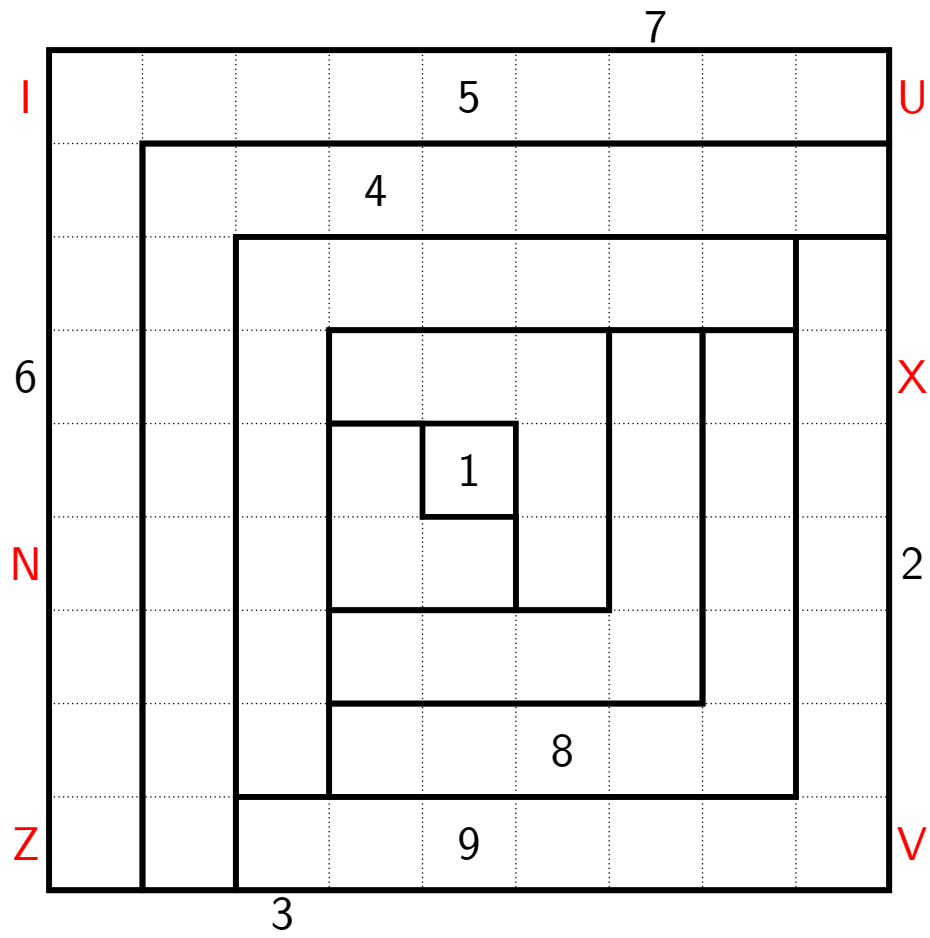
{1:1, 2:[2, 3], 3:6, 4:8, 5:9, 6:4, 7:[], 8:5, 9:7}

digit(s) 7 cannot be assigned to any hook



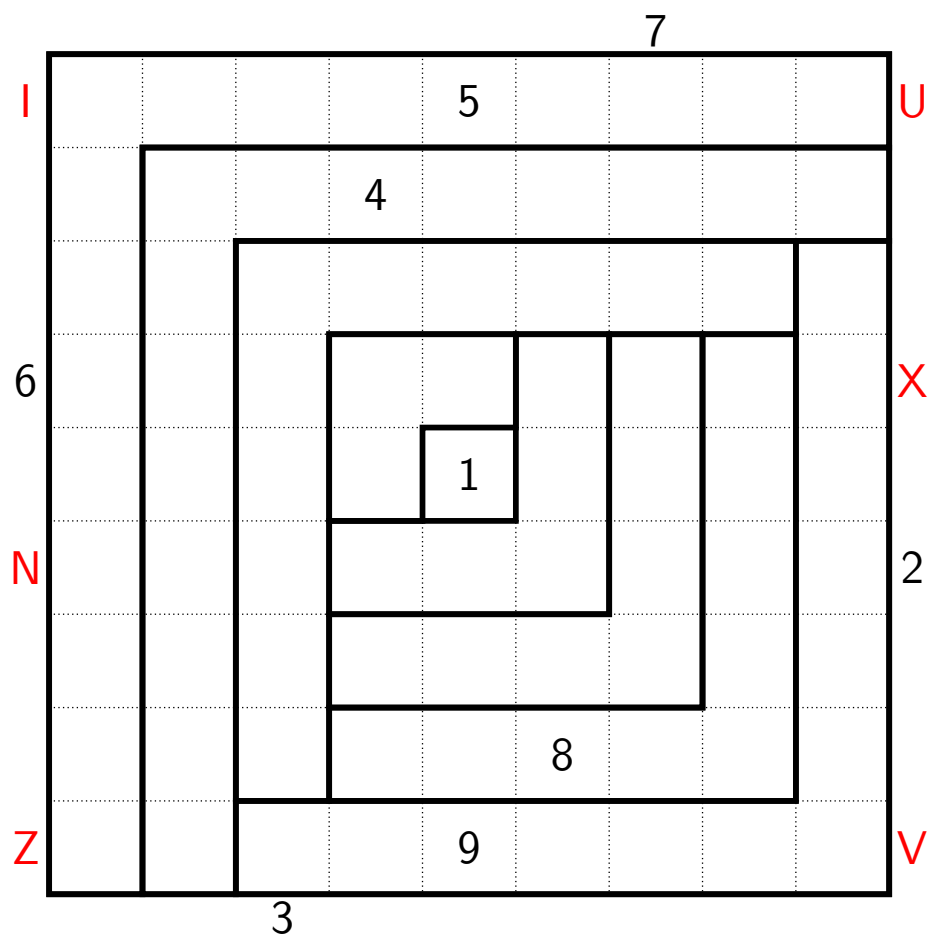
{1:1, 2:[2, 3], 3:6, 4:8, 5:9, 6:4, 7:[], 8:5, 9:7}

digit(s) 7 cannot be assigned to any hook



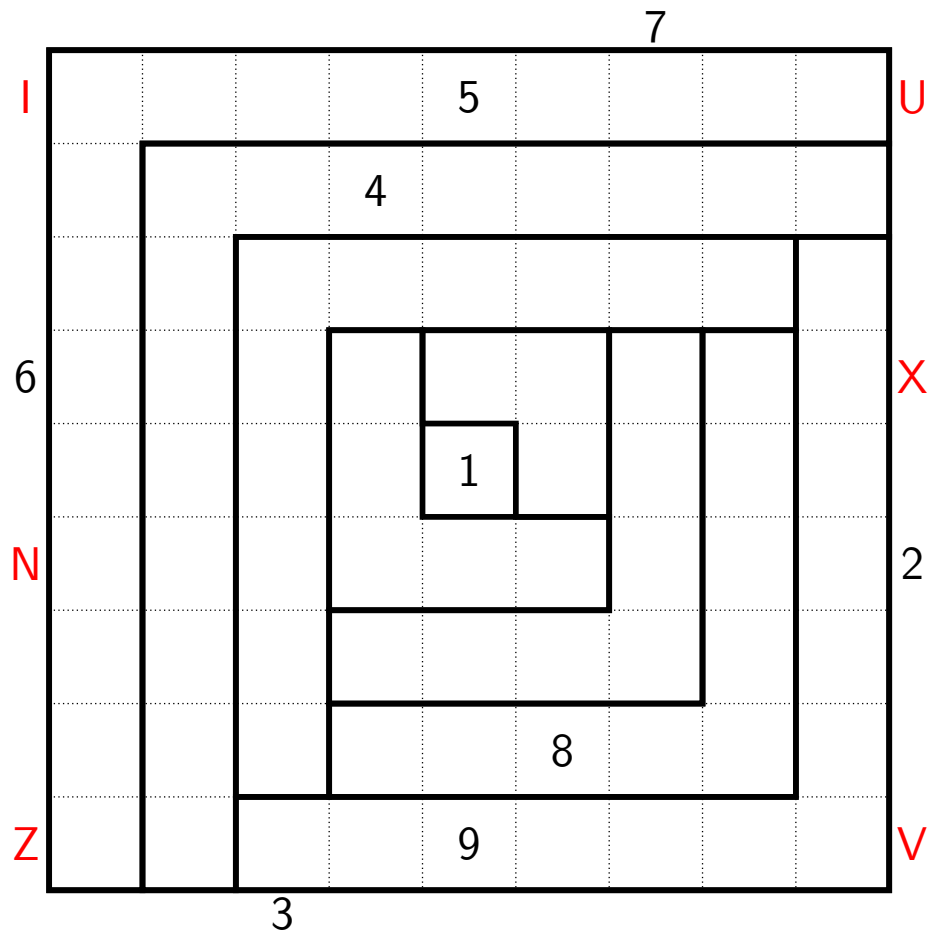
{1:1, 2:[2, 3], 3:6, 4:8, 5:9, 6:4, 7:[], 8:5, 9:7}

digit(s) 7 cannot be assigned to any hook



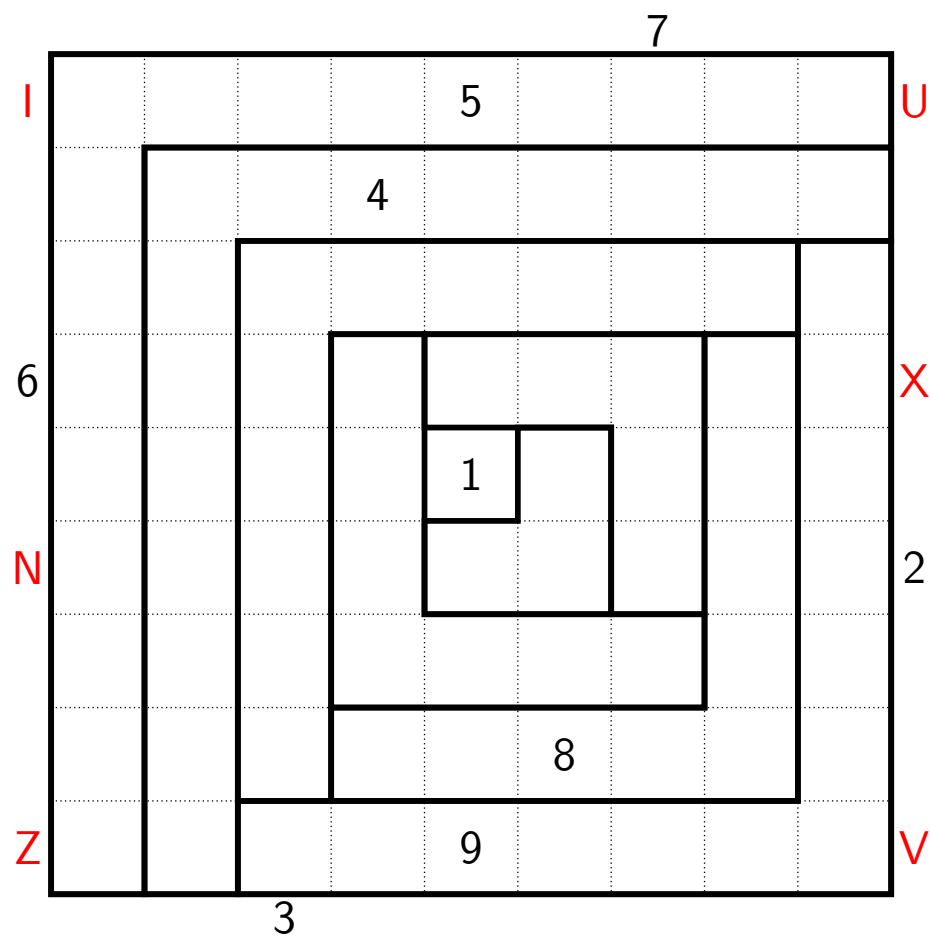
{1:1, 2:3, 3:6, 4:8, 5:9, 6:4, 7:[], 8:5, 9:7}

digit(s) 7 cannot be assigned to any hook



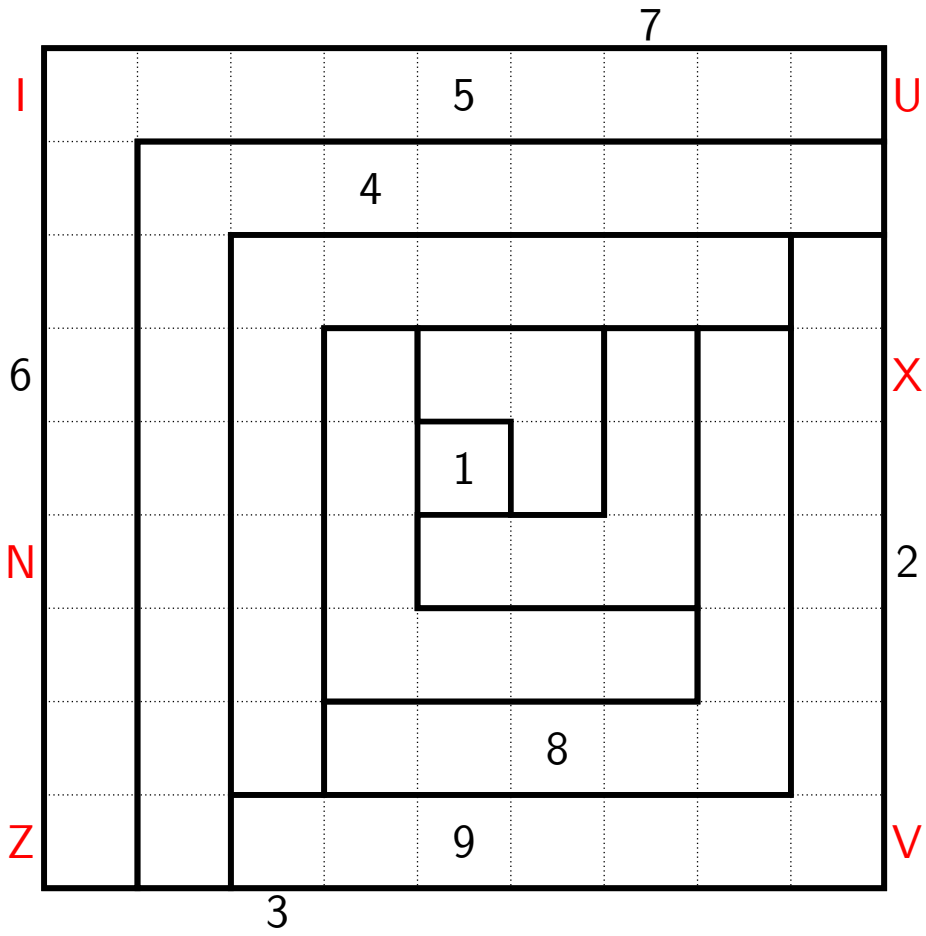
{1:1, 2:3, 3:6, 4:8, 5:9, 6:4, 7:[], 8:5, 9:7}

digit(s) 7 cannot be assigned to any hook



```
{1:1, 2:[2, 3], 3:6, 4:8, 5:9, 6:4, 7:[], 8:5, 9:7}
```

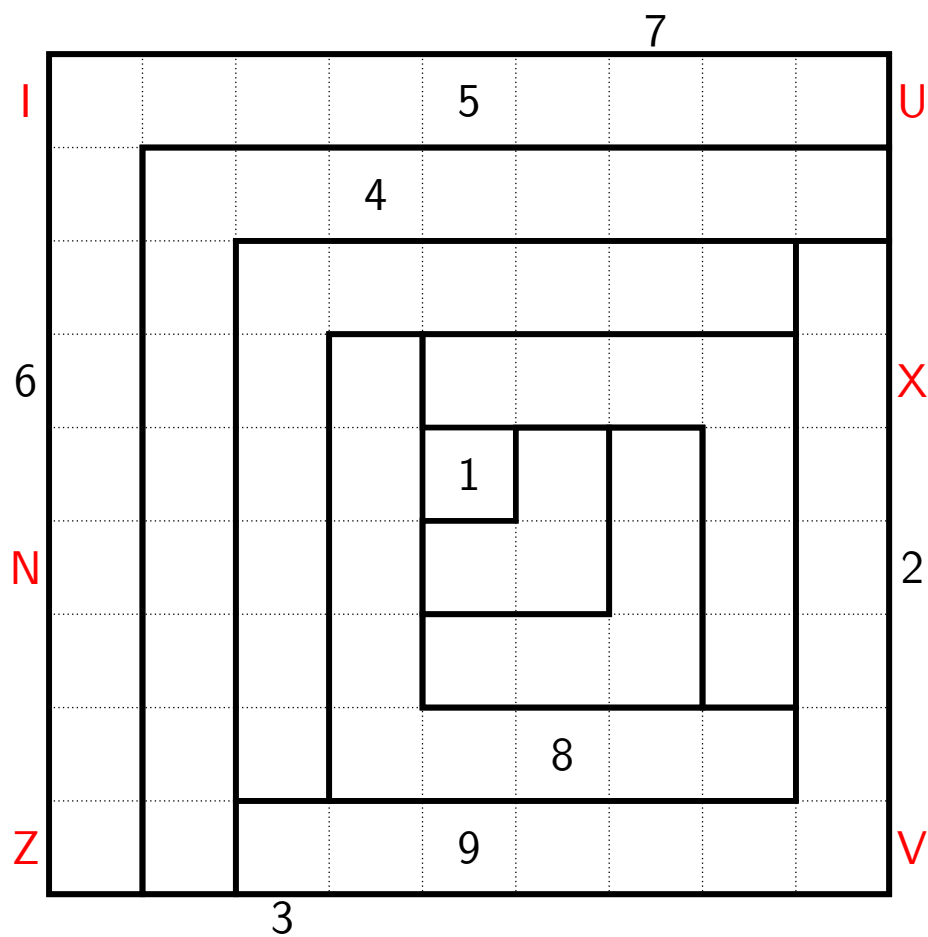
digit(s) 7 cannot be assigned to any hook



```
{1:1, 2:3, 3:6, 4:8, 5:9, 6:4, 7:[], 8:5, 9:7}
```

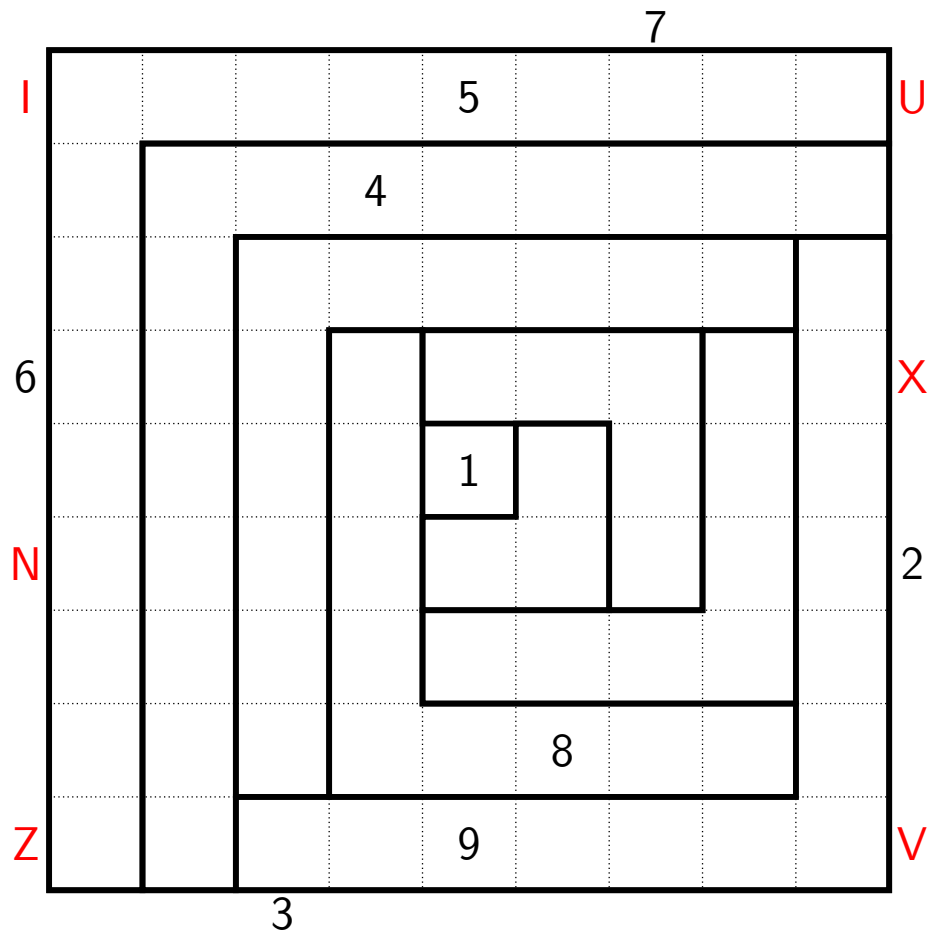
```
digit(s) 7 cannot be assigned to any hook
```





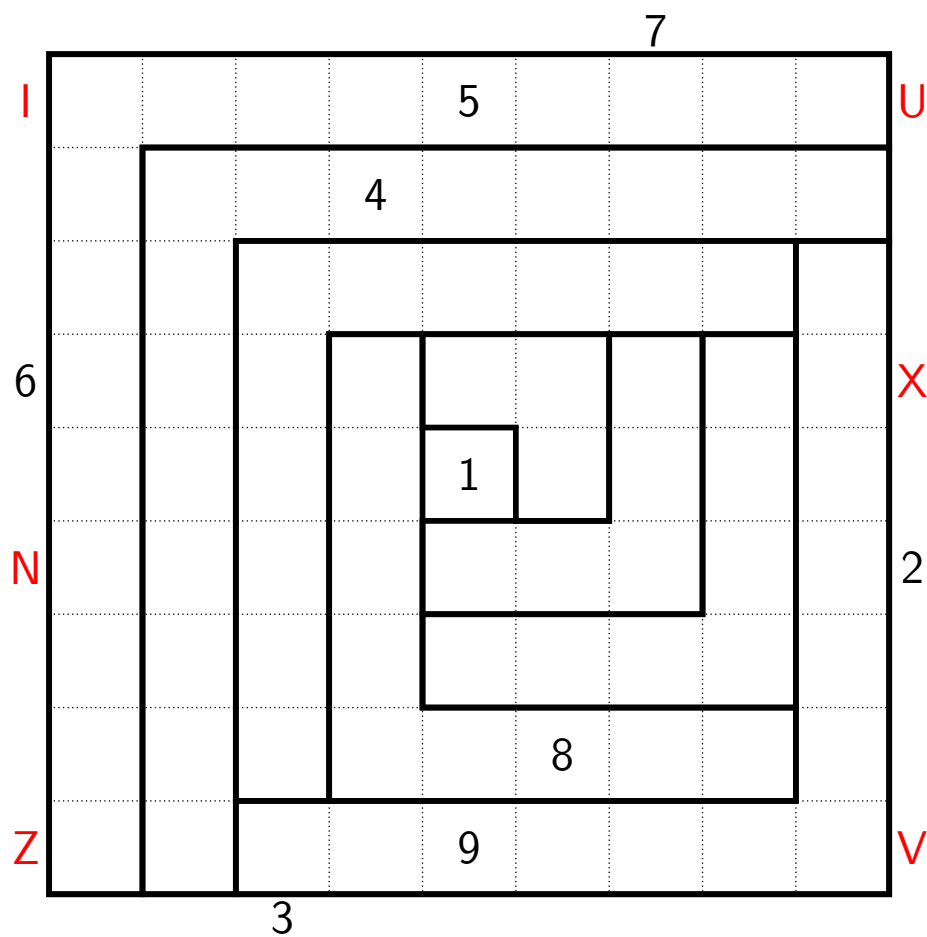
{1:1, 2:[2, 3], 3:6, 4:8, 5:9, 6:4, 7:[], 8:5, 9:7}

digit(s) 7 cannot be assigned to any hook



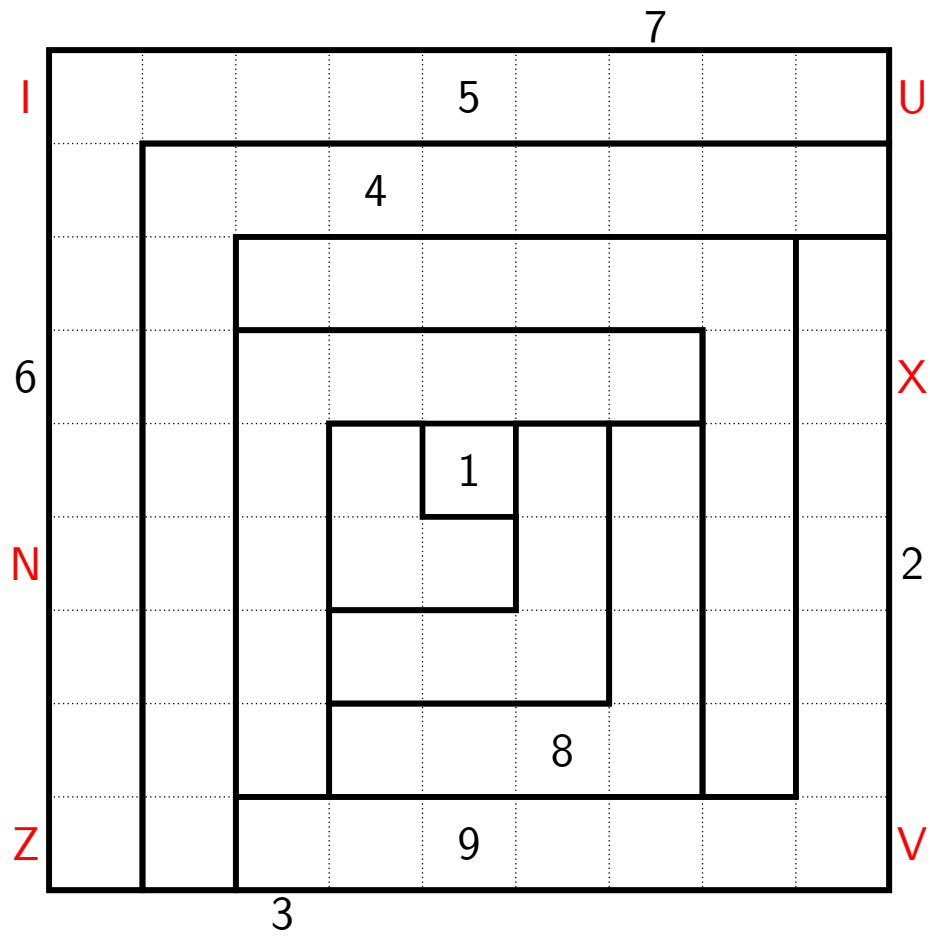
{1:1, 2:[2, 3], 3:6, 4:8, 5:9, 6:4, 7:[], 8:5, 9:7}

digit(s) 7 cannot be assigned to any hook



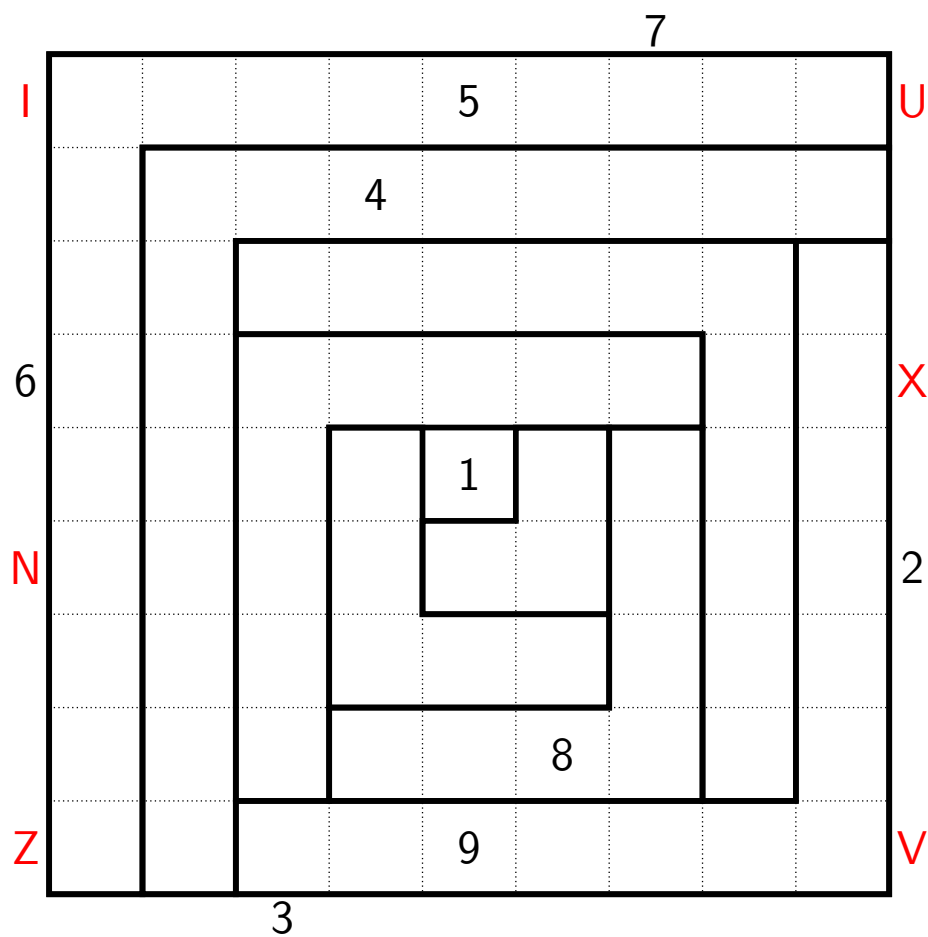
{1:1, 2:3, 3:6, 4:8, 5:9, 6:4, 7:[], 8:5, 9:7}

digit(s) 7 cannot be assigned to any hook



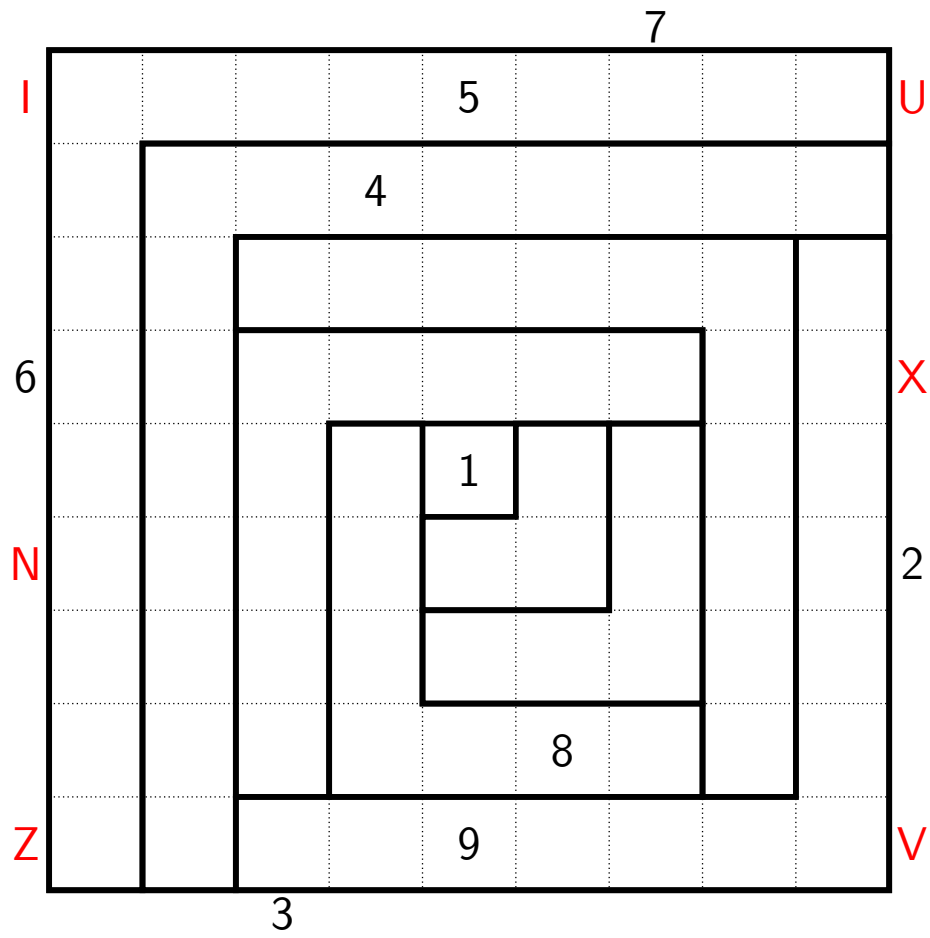
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:7}

hook 4 is too small for digit 8



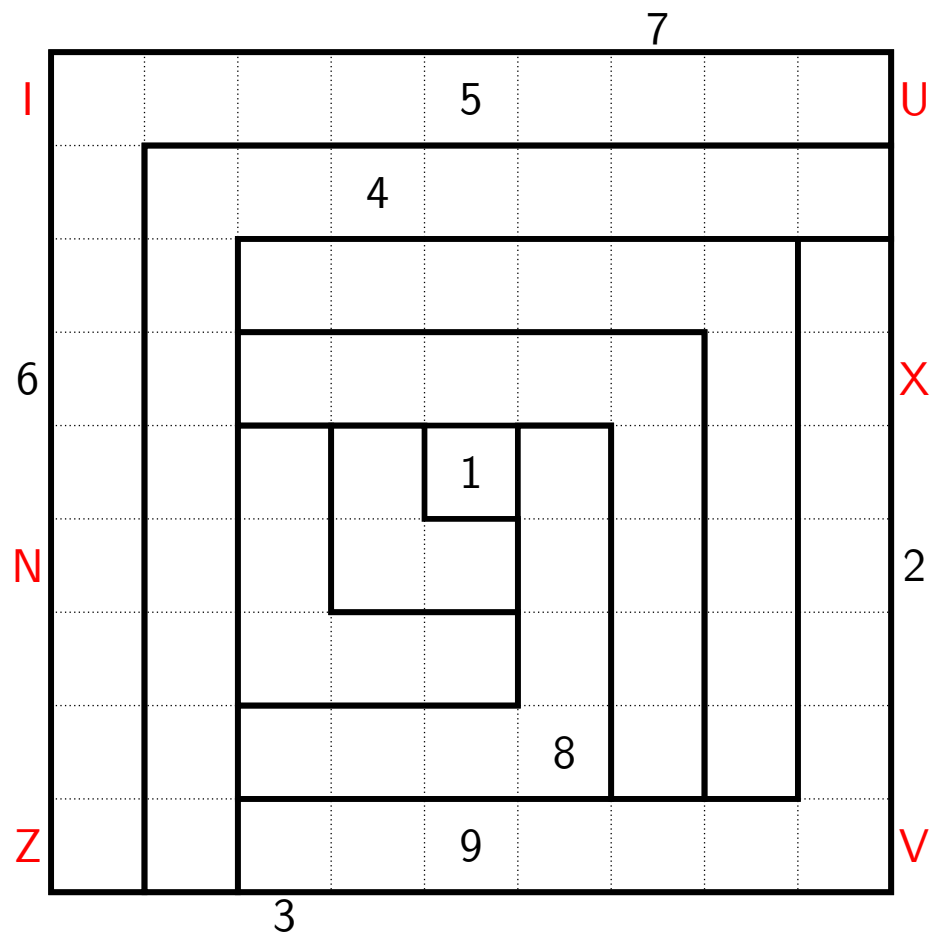
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:7}

hook 4 is too small for digit 8

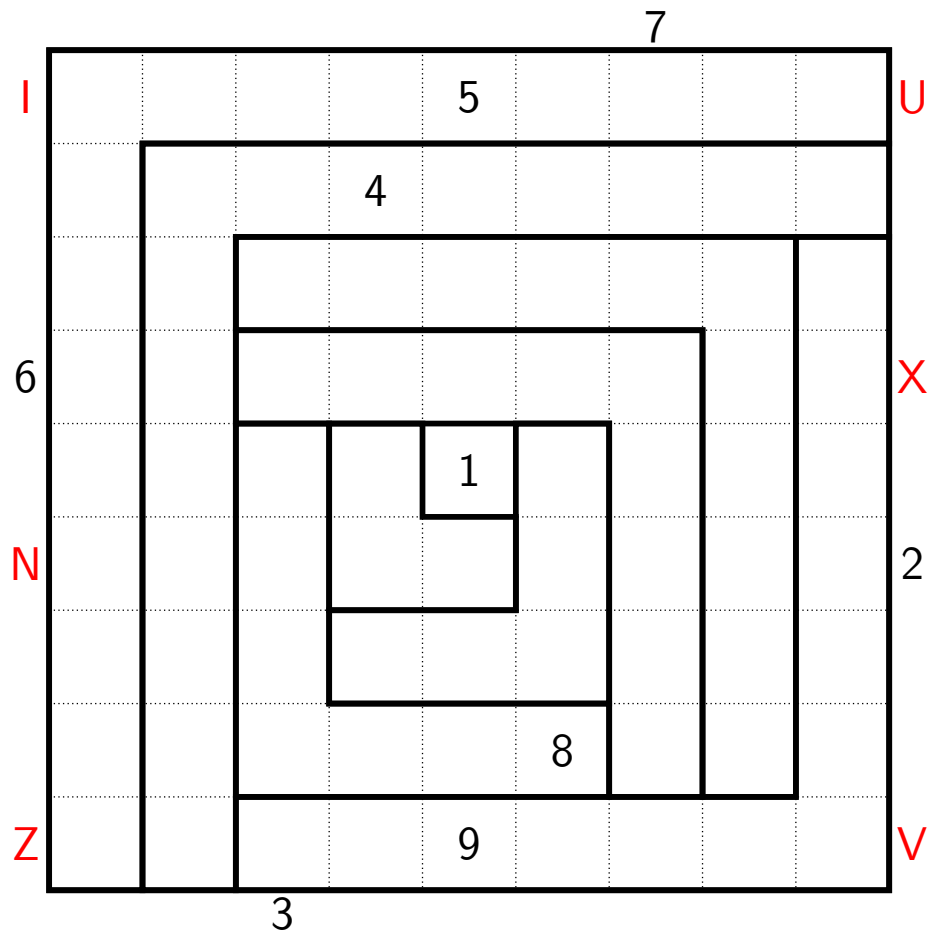


{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:7}

hook 4 is too small for digit 8


$$\{1:1, 2:\square, 3:\square, 4:\square, 5:\square, 6:\square, 7:\square, 8:\square, 9:7\}$$

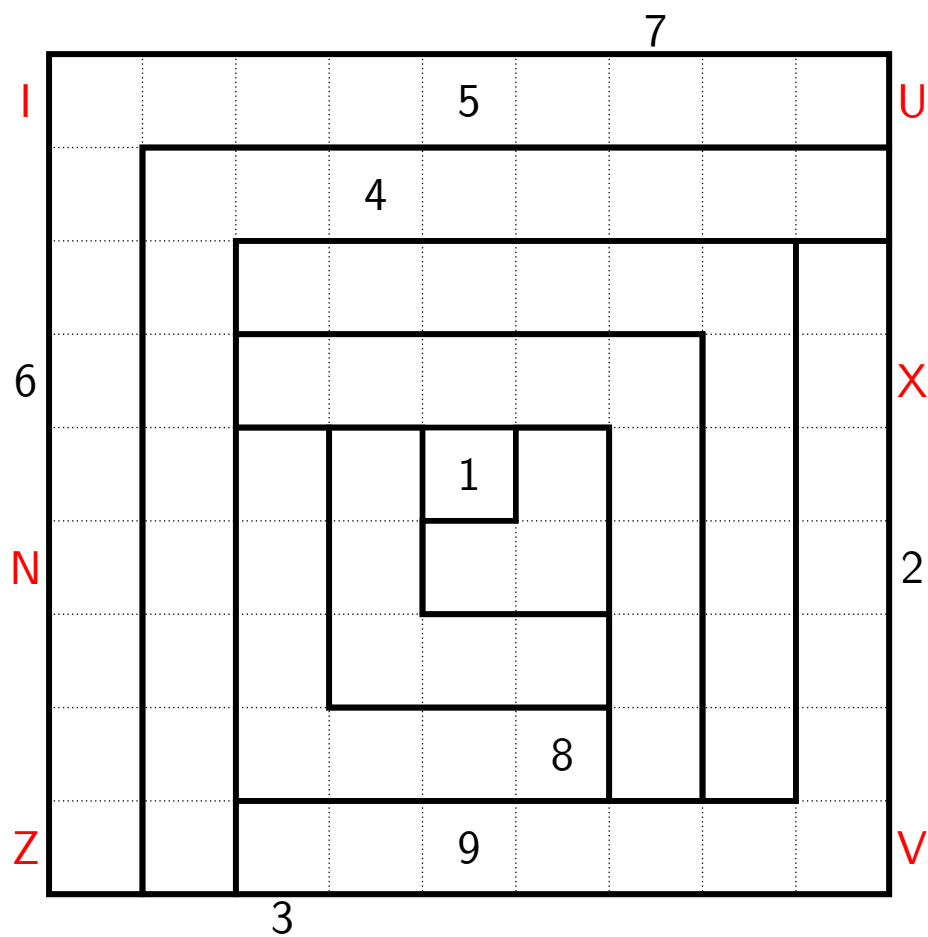
```
hook 4 is too small for digit 8
```



{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:7}

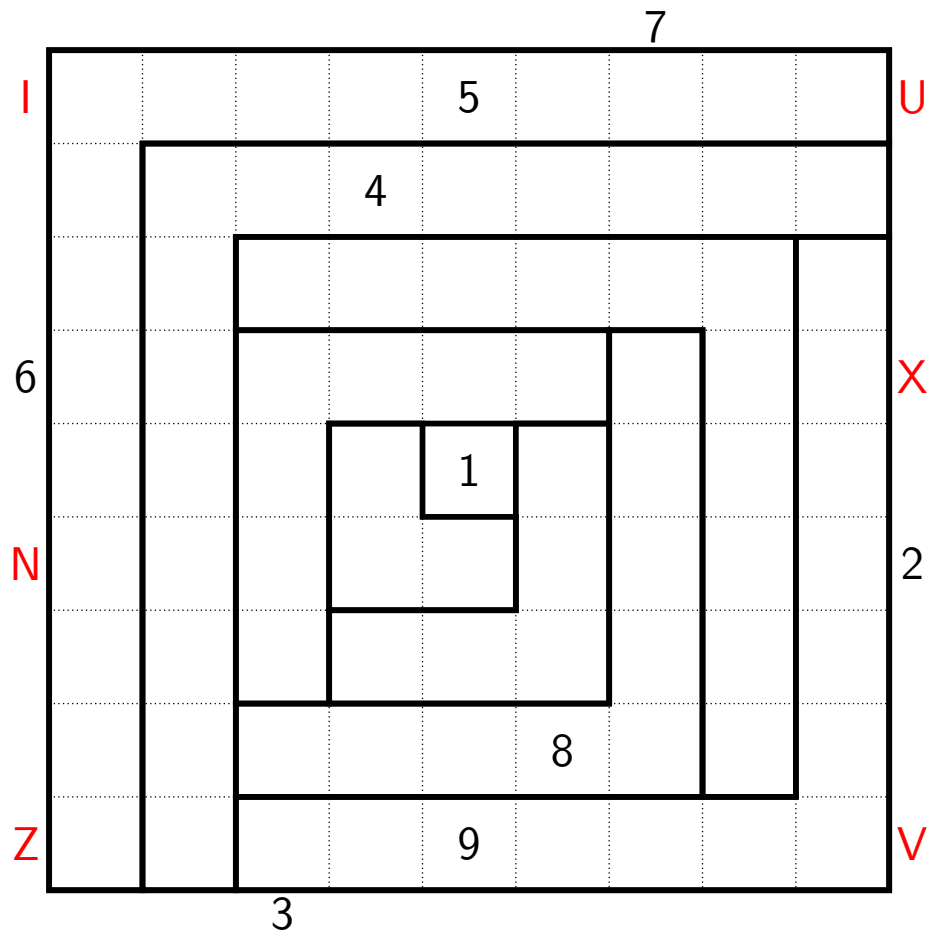
hook 4 is too small for digit 8





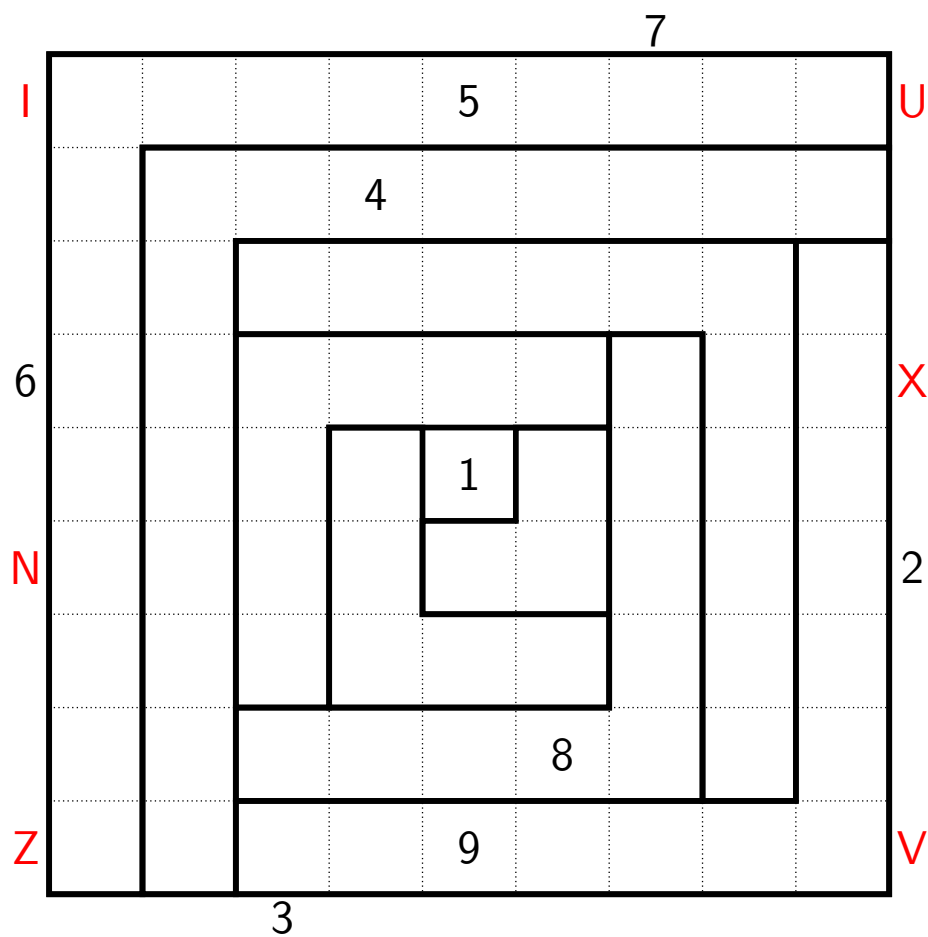
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:7}

hook 4 is too small for digit 8



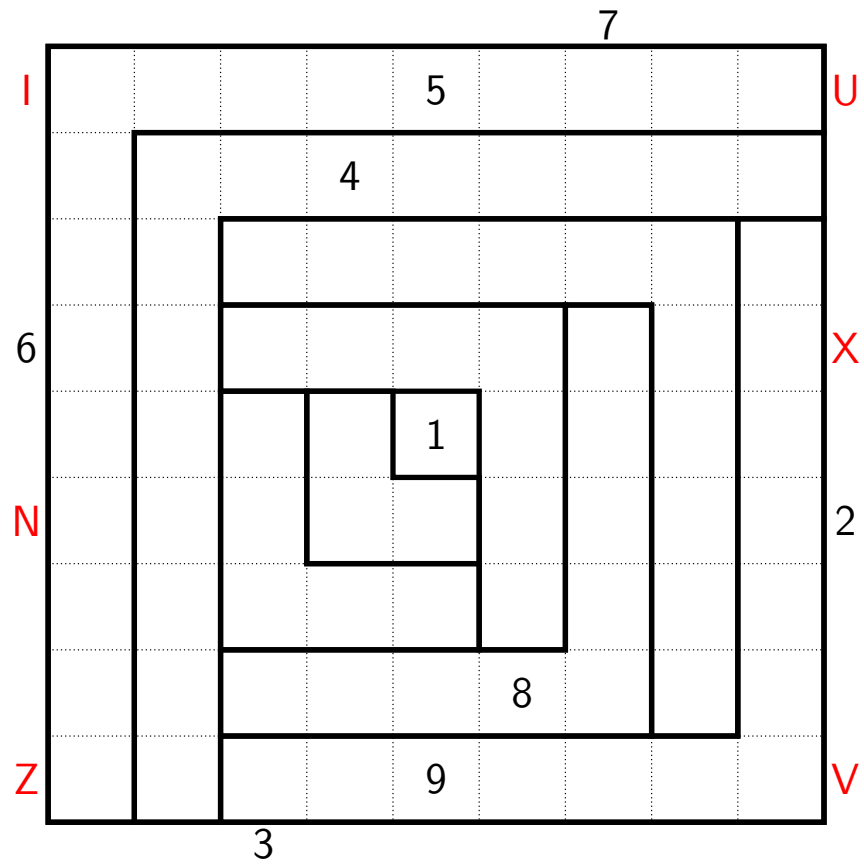
{1:1, 2:[2, 3], 3:4, 4:8, 5:9, 6:4, 7:6, 8:5, 9:7}

digits 3,6 are fighting over hook 4



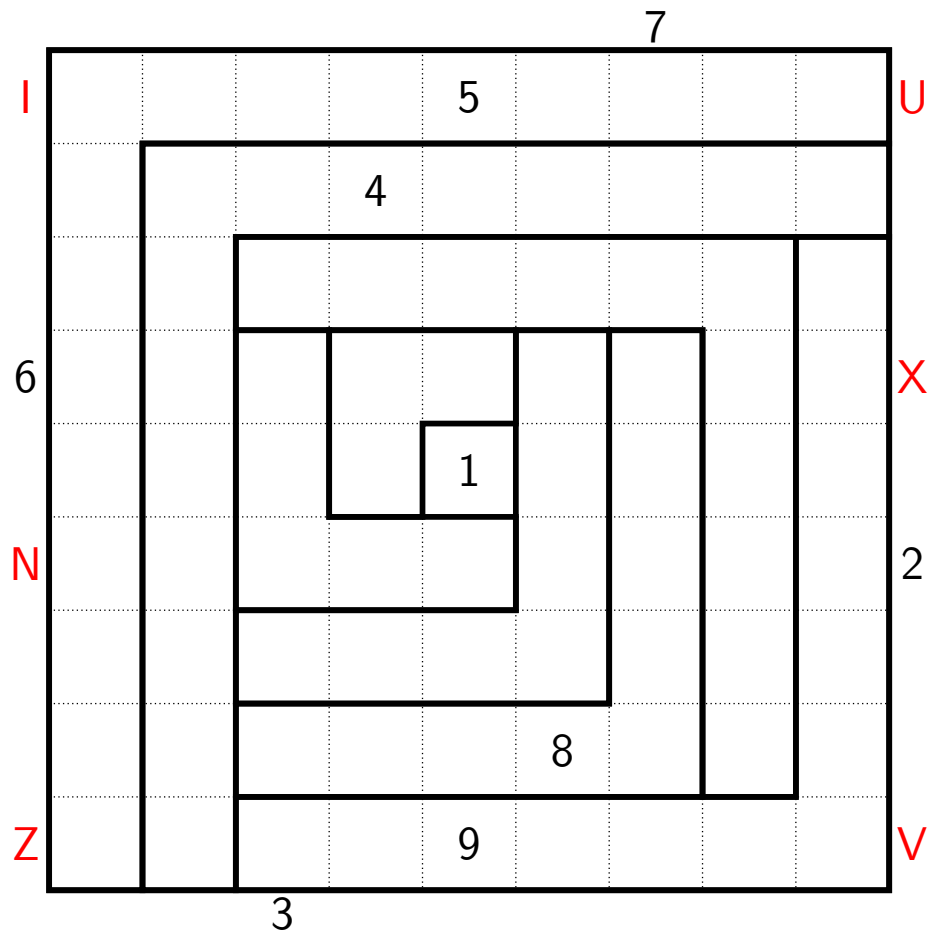
{1:1, 2:[2, 3], 3:4, 4:8, 5:9, 6:4, 7:6, 8:5, 9:7}

digits 3,6 are fighting over hook 4



—1 : 1, 2 : 2, 3 : 3, 4 : 8, 5 : 9, 6 : 4, 7 : 6, 8 : 5, 9 : 7''

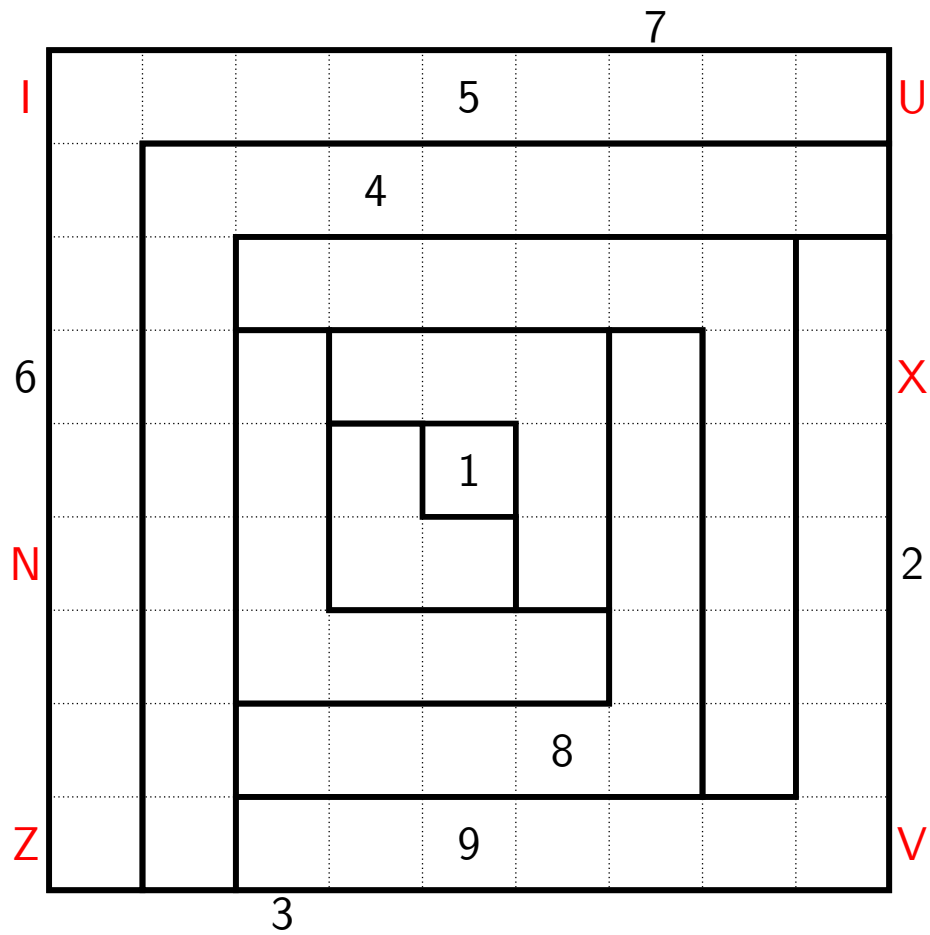




{1:1, 2:3, 3:3, 4:8, 5:9, 6:4, 7:6, 8:5, 9:7}

digits 2,3 are fighting over hook 3

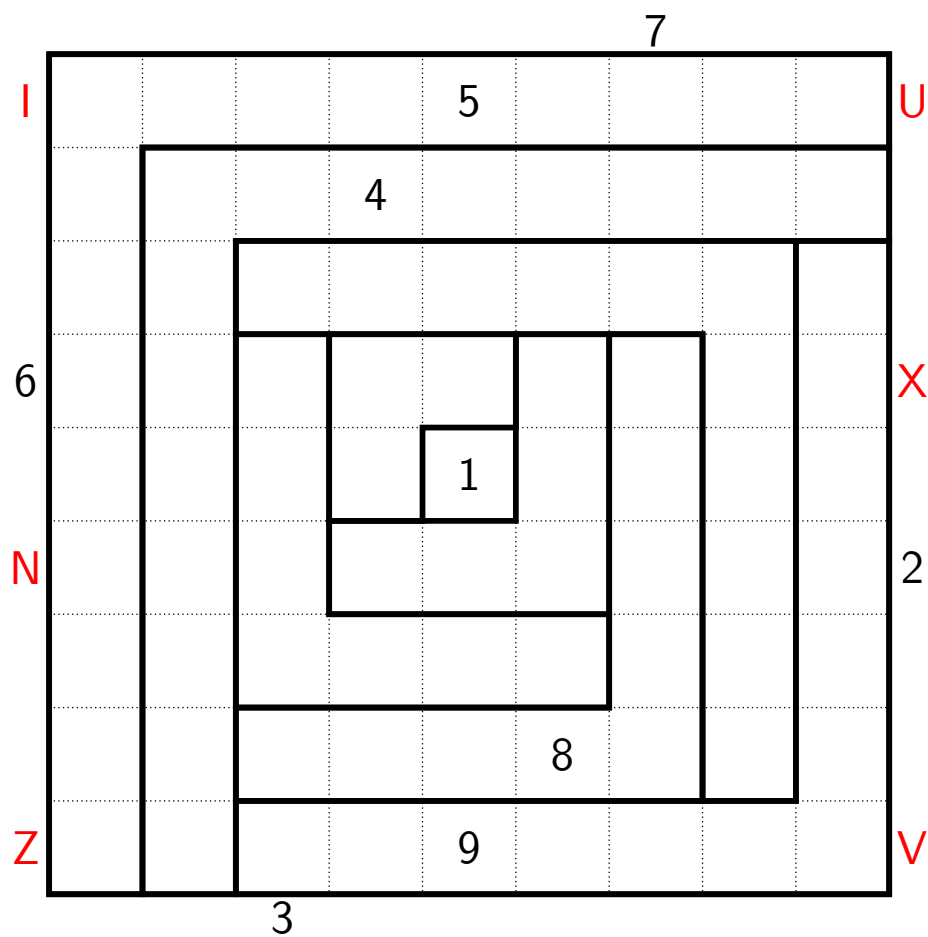
digits 3,6 are fighting over hook 4



{1:1, 2:[2, 3], 3:4, 4:8, 5:9, 6:4, 7:6, 8:5, 9:7}

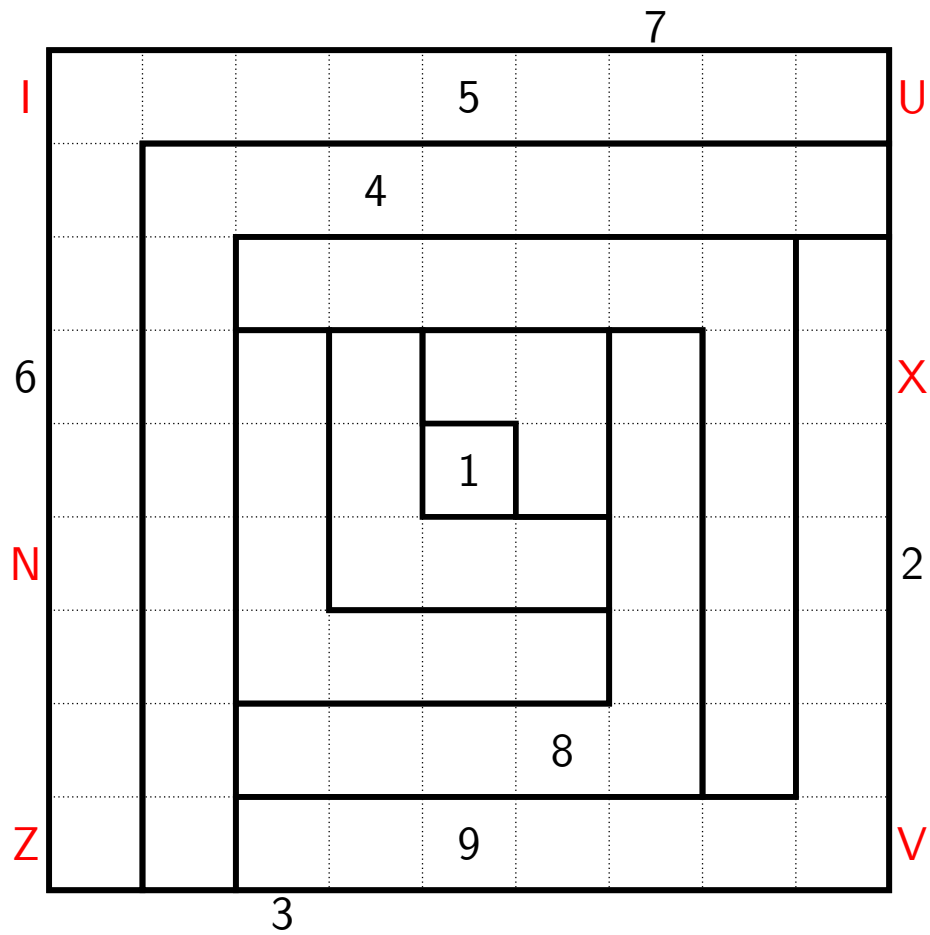
digits 3,6 are fighting over hook 4





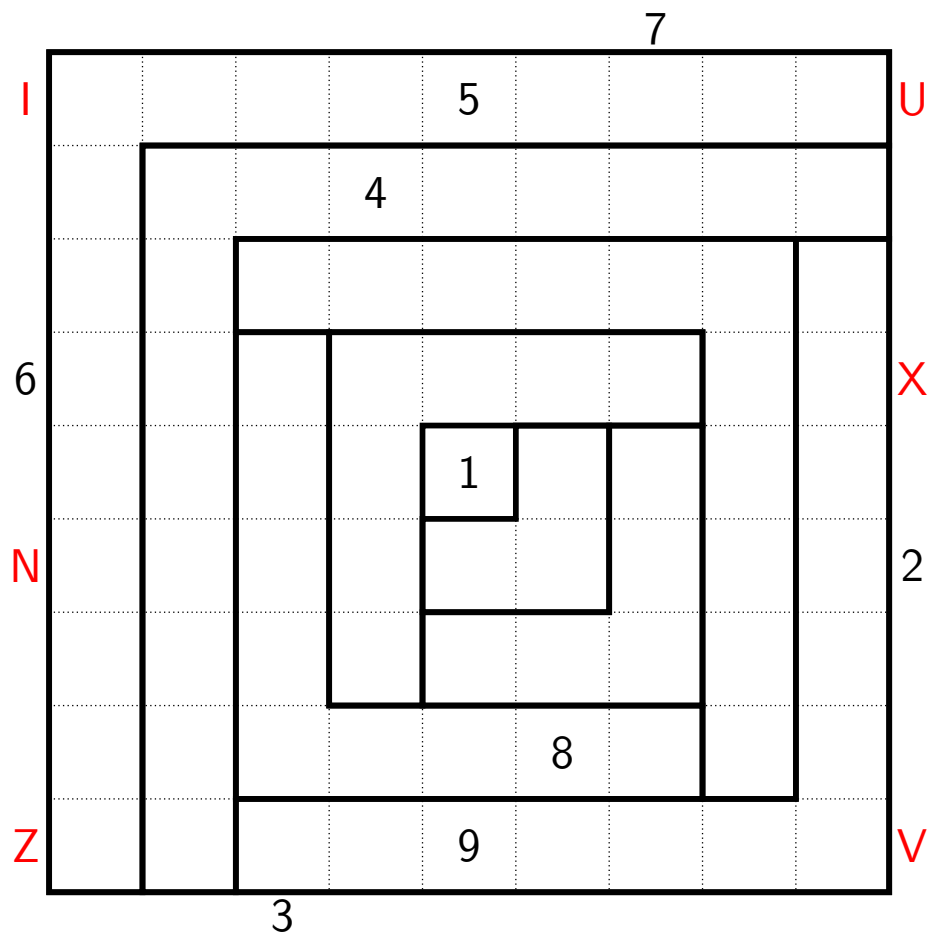
{1:1, 2:3, 3:4, 4:8, 5:9, 6:4, 7:6, 8:5, 9:7}

digits 3,6 are fighting over hook 4



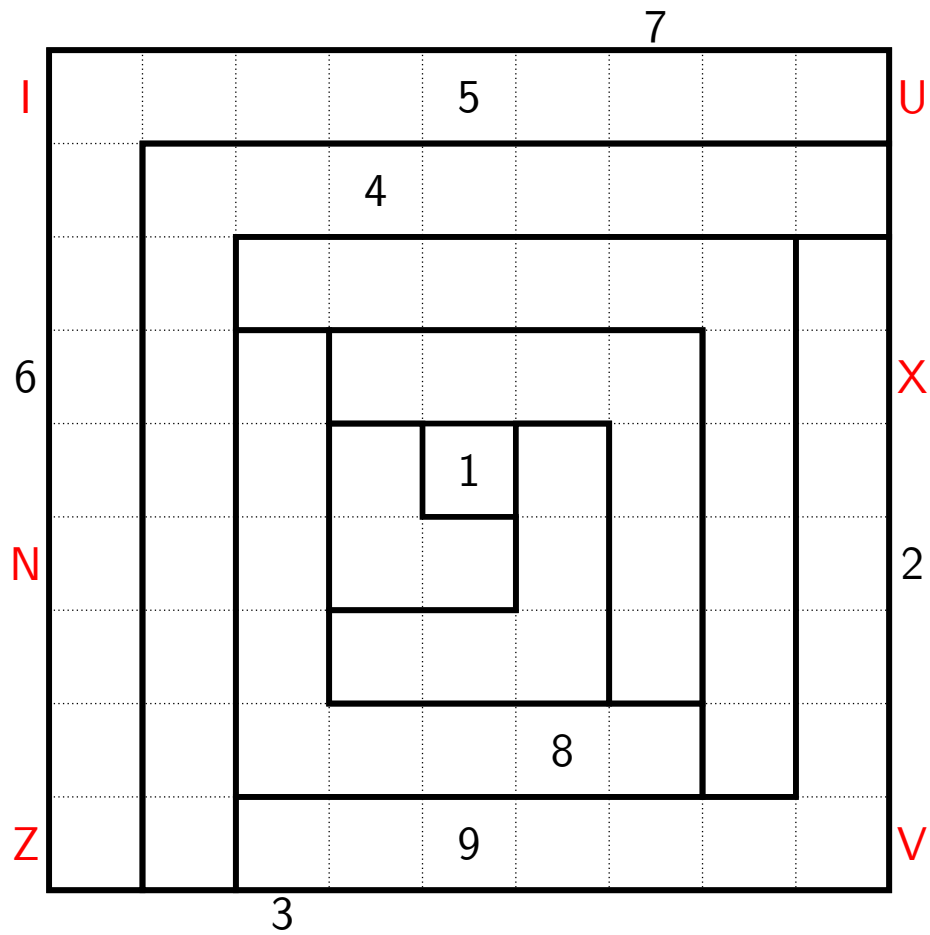
{1:1, 2:3, 3:4, 4:8, 5:9, 6:4, 7:6, 8:5, 9:7}

digits 3,6 are fighting over hook 4



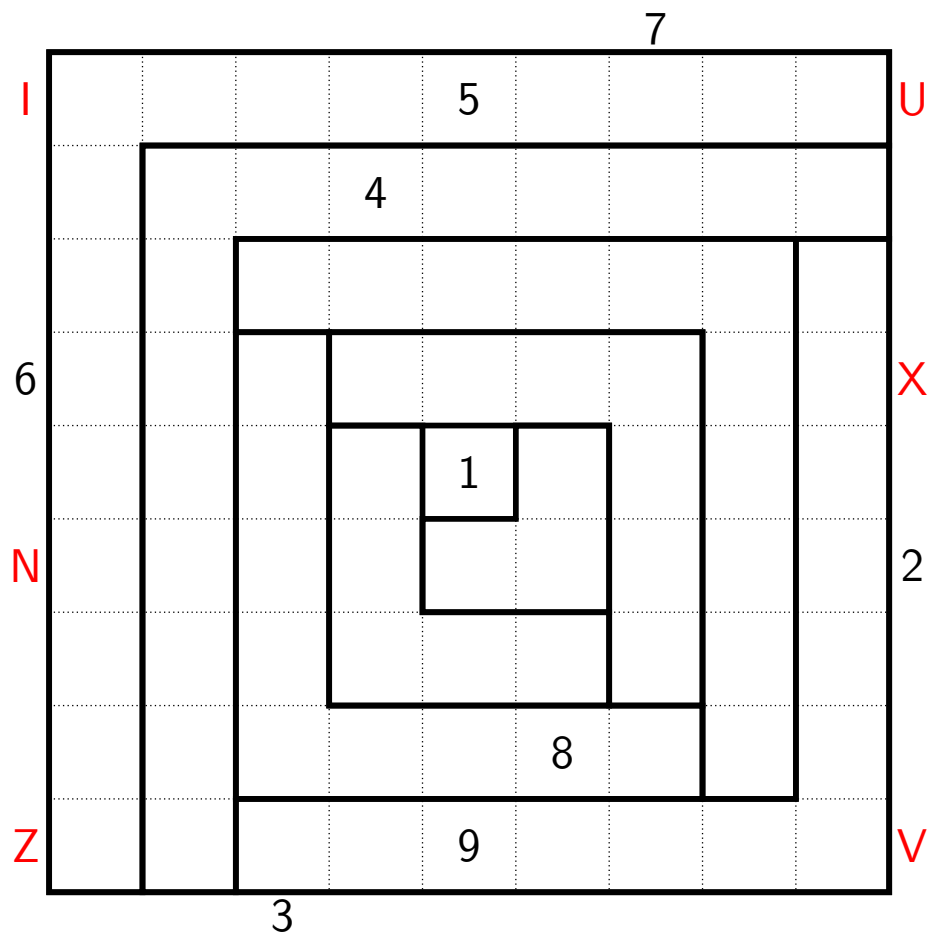
{1:1, 2:[2, 3], 3:6, 4:8, 5:9, 6:4, 7:[], 8:5, 9:7}

digit(s) 7 cannot be assigned to any hook



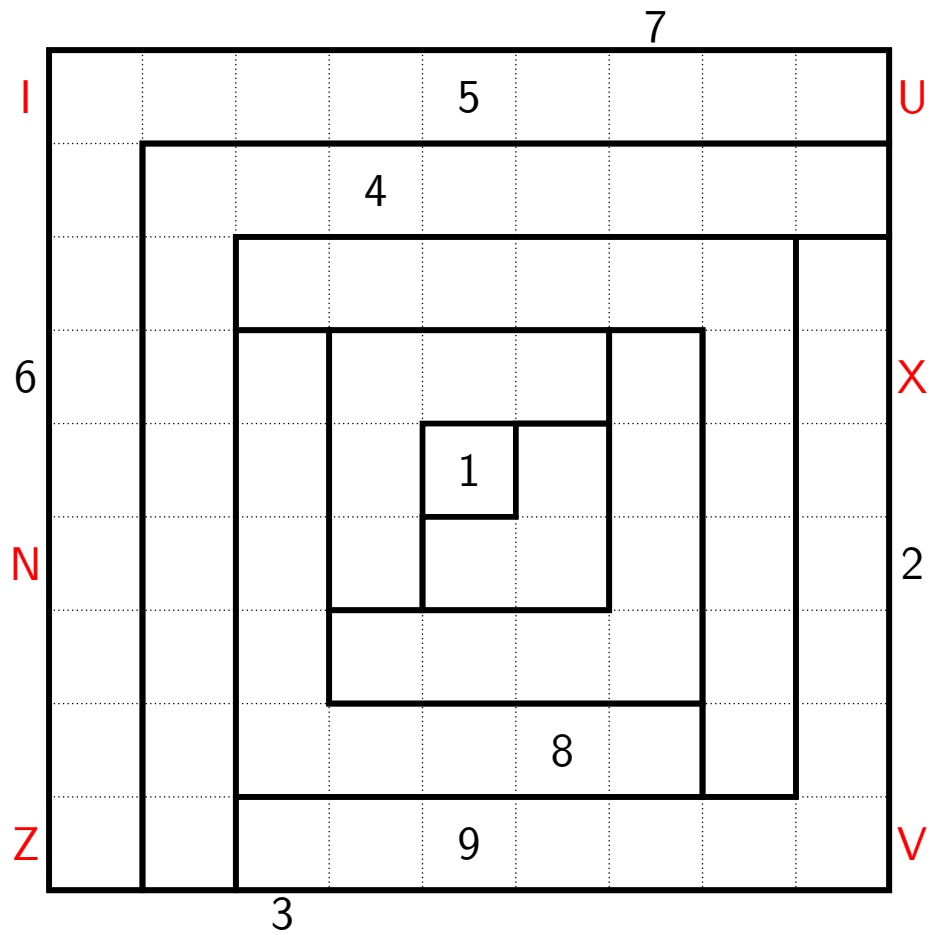
{1:1, 2:[2, 3], 3:6, 4:8, 5:9, 6:4, 7:[], 8:5, 9:7}

digit(s) 7 cannot be assigned to any hook



{1:1, 2:[2, 3], 3:6, 4:8, 5:9, 6:4, 7:[], 8:5, 9:7}

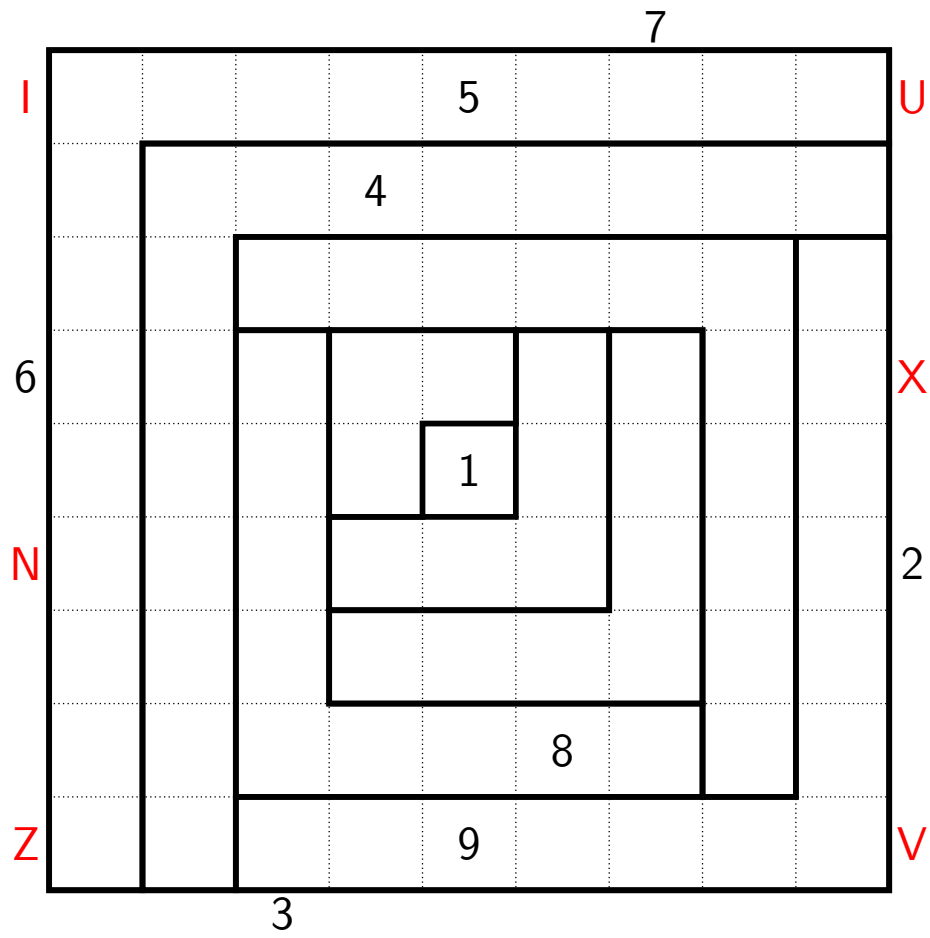
digit(s) 7 cannot be assigned to any hook



{1:1, 2:[2, 3], 3:6, 4:8, 5:9, 6:4, 7:[], 8:5, 9:7}

digit(s) 7 cannot be assigned to any hook

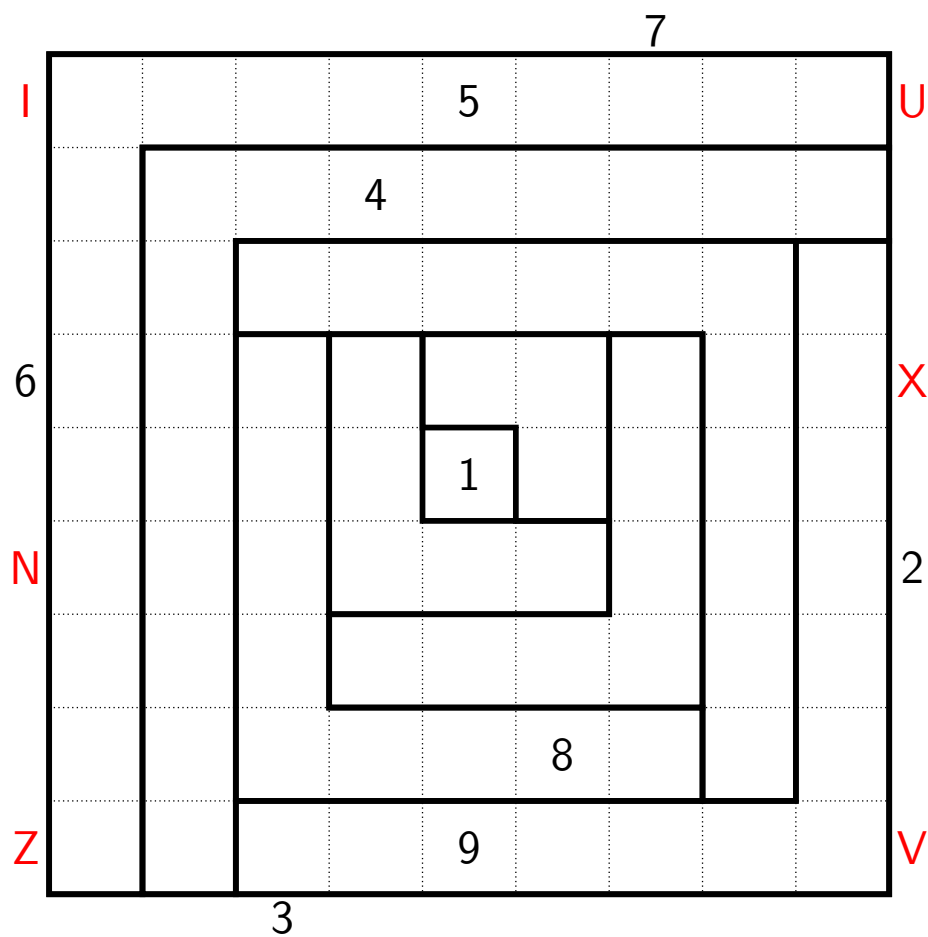
digit(s) 7 cannot be assigned to any hook



{1:1, 2:3, 3:6, 4:8, 5:9, 6:4, 7:[], 8:5, 9:7}

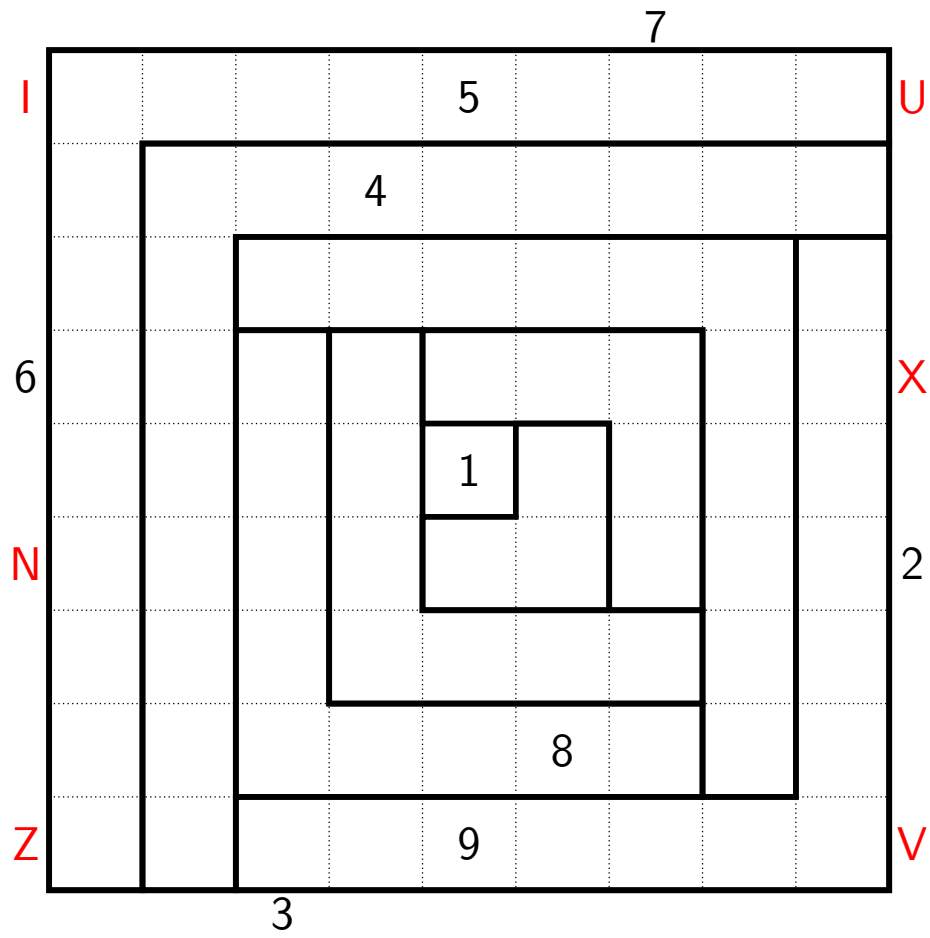
digit(s) 7 cannot be assigned to any hook





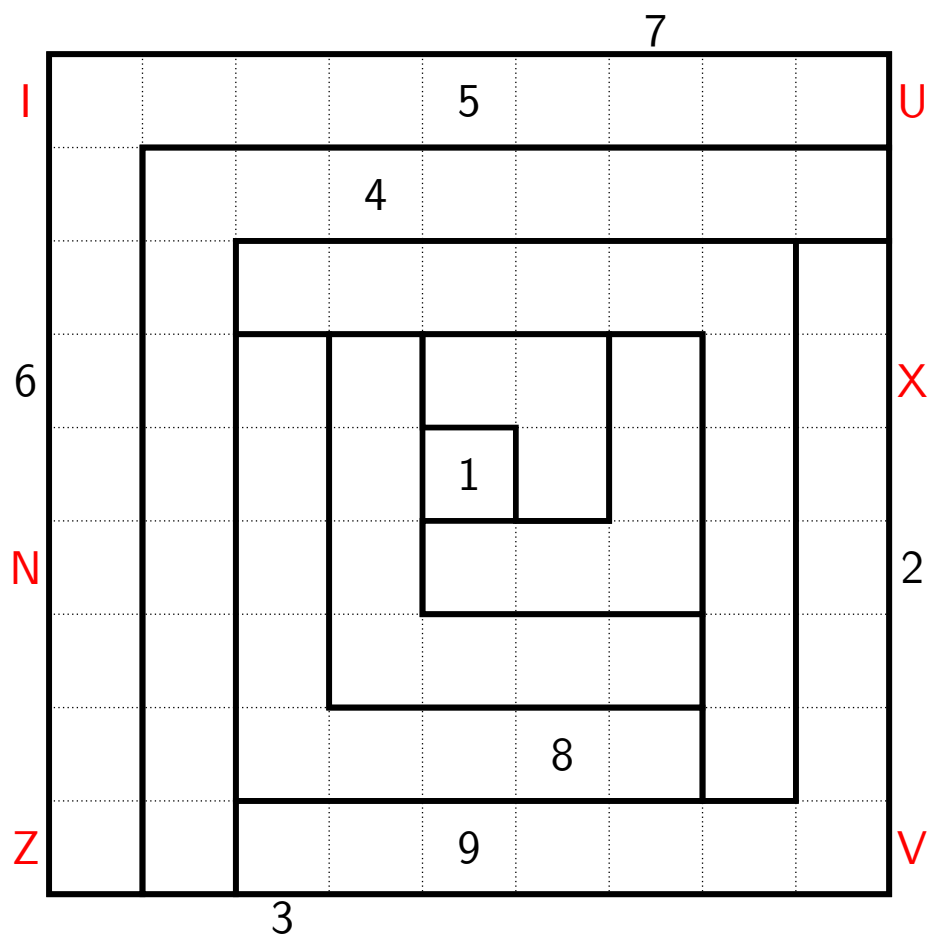
{1:1, 2:3, 3:6, 4:8, 5:9, 6:4, 7:[], 8:5, 9:7}

digit(s) 7 cannot be assigned to any hook



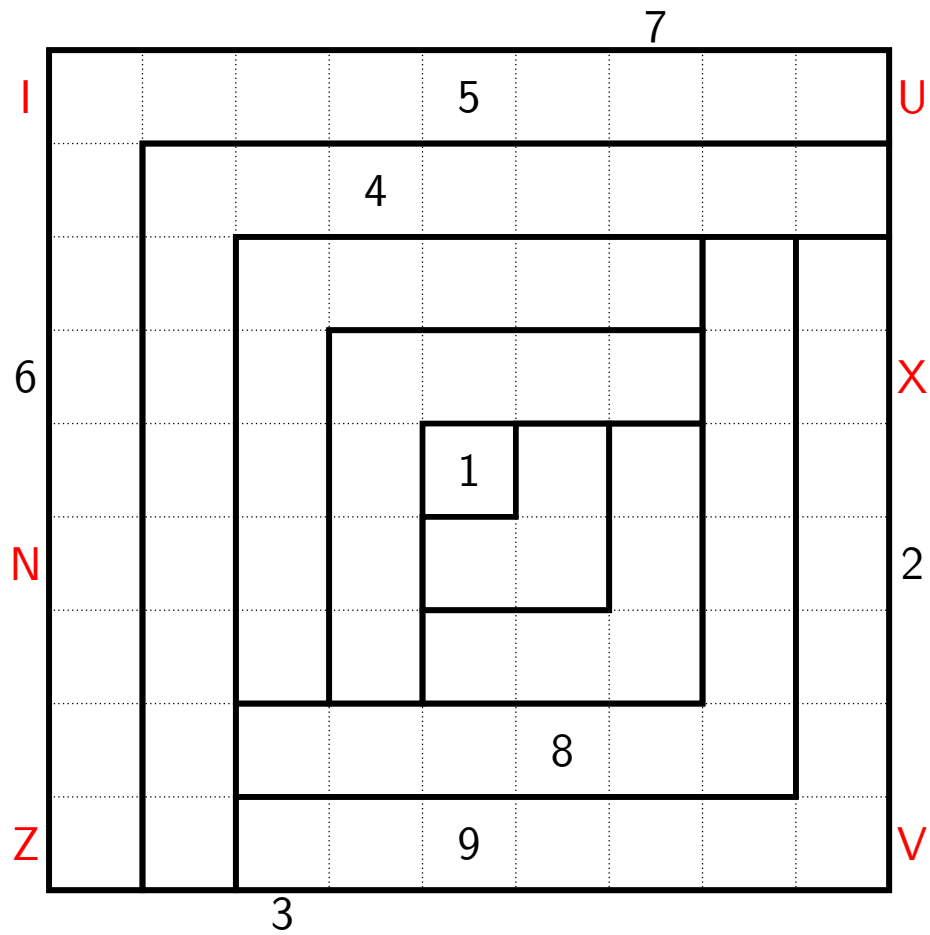
{1:1, 2:[2, 3], 3:6, 4:8, 5:9, 6:4, 7:[], 8:5, 9:7}

digit(s) 7 cannot be assigned to any hook



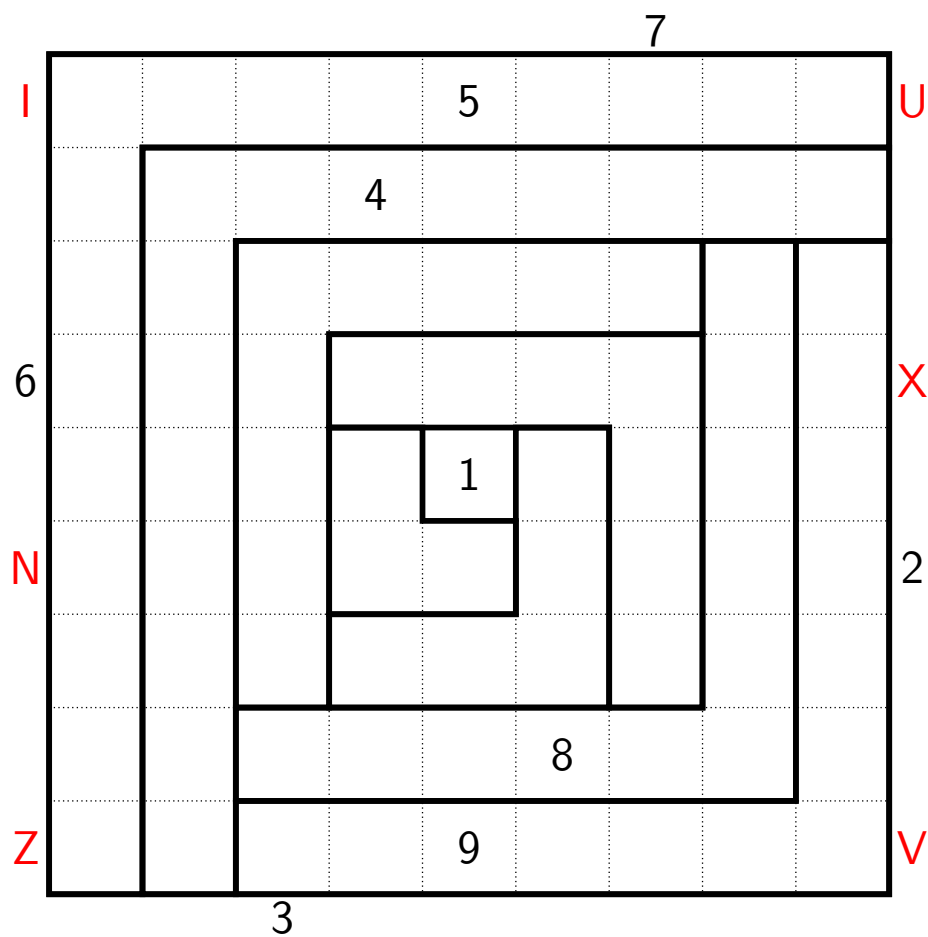
{1:1, 2:3, 3:6, 4:8, 5:9, 6:4, 7:[], 8:5, 9:7}

digit(s) 7 cannot be assigned to any hook



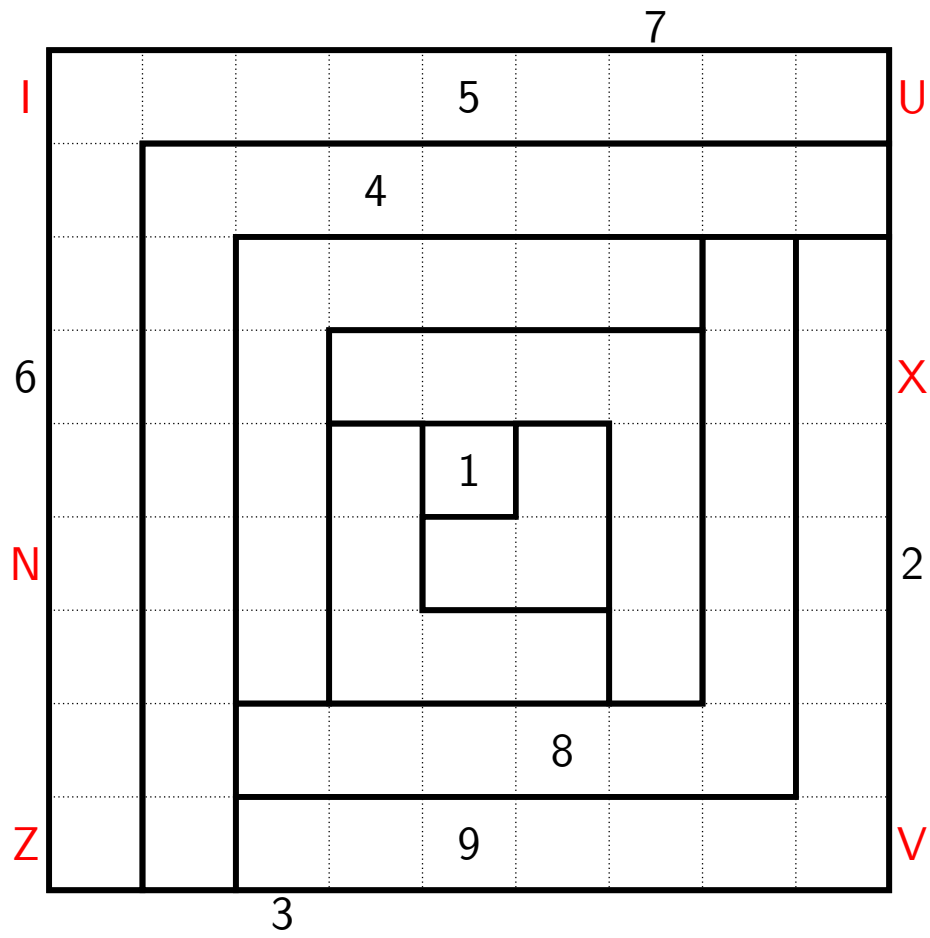
{1:1, 2:[2, 3], 3:5, 4:8, 5:9, 6:4, 7:[], 8:6, 9:7}

digit(s) 7 cannot be assigned to any hook



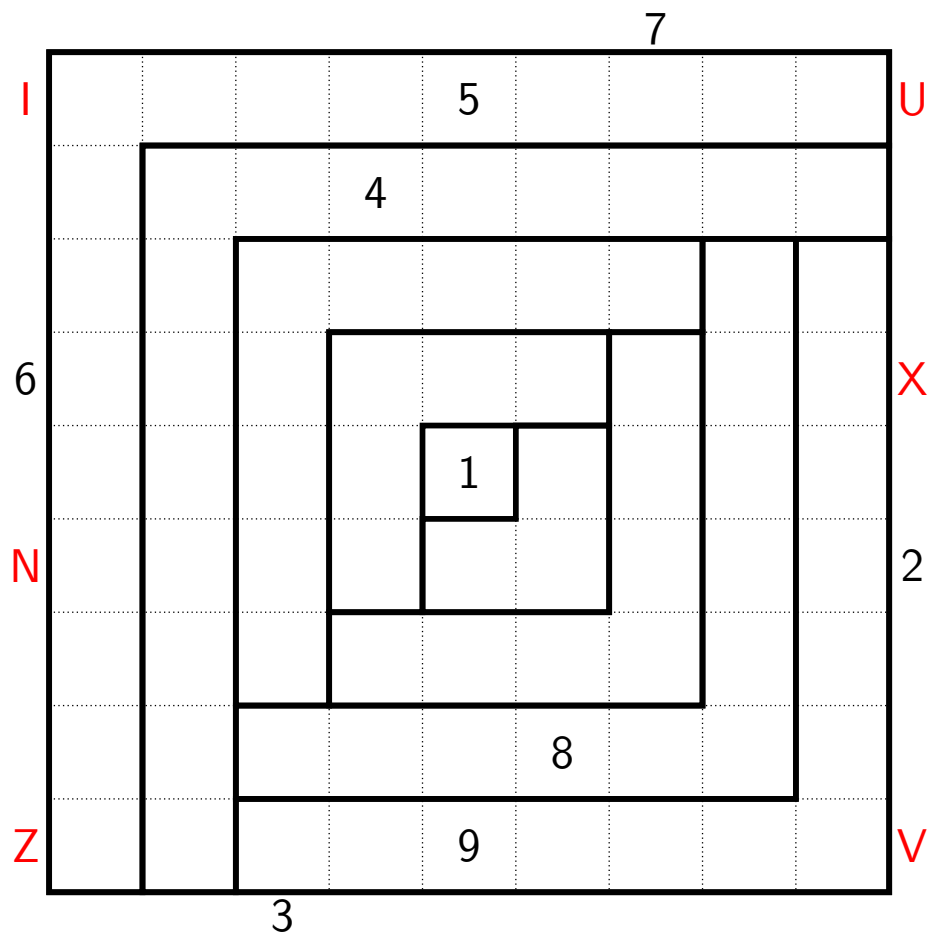
{1:1, 2:[2, 3], 3:5, 4:8, 5:9, 6:4, 7:[], 8:6, 9:7}

digit(s) 7 cannot be assigned to any hook



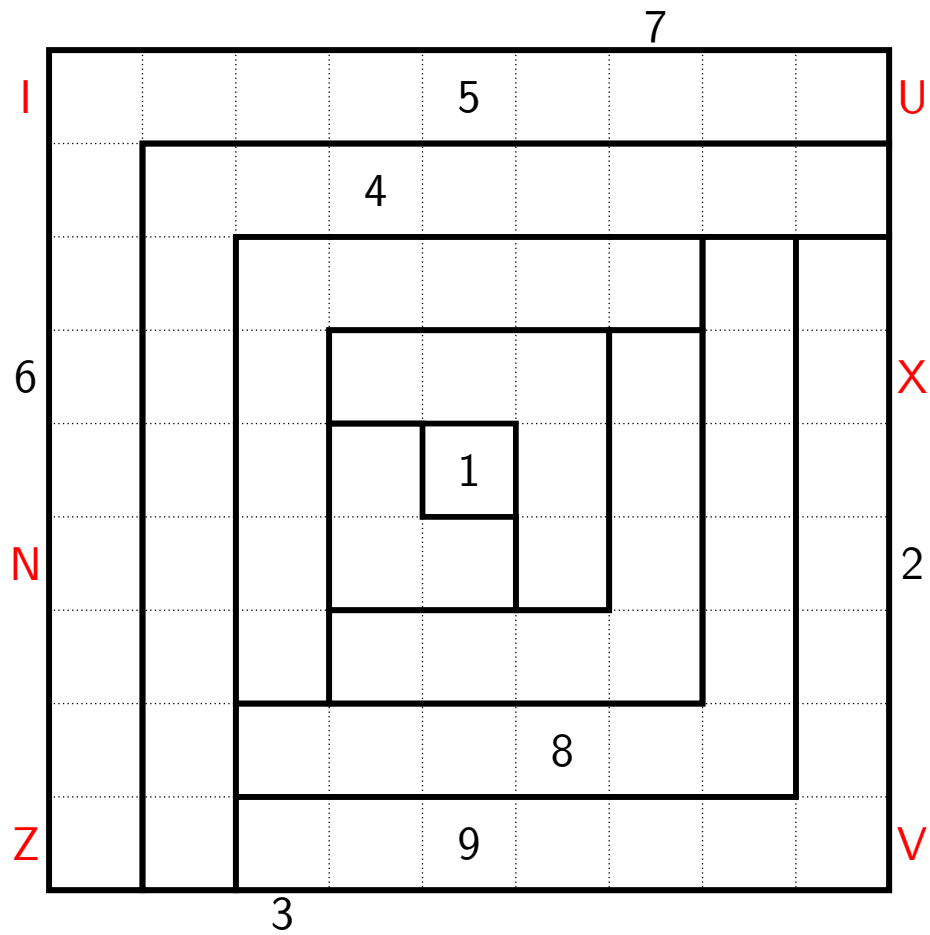
{1:1, 2:[2, 3], 3:5, 4:8, 5:9, 6:4, 7:[], 8:6, 9:7}

digit(s) 7 cannot be assigned to any hook



{1:1, 2:[2, 3], 3:5, 4:8, 5:9, 6:4, 7:[], 8:6, 9:7}

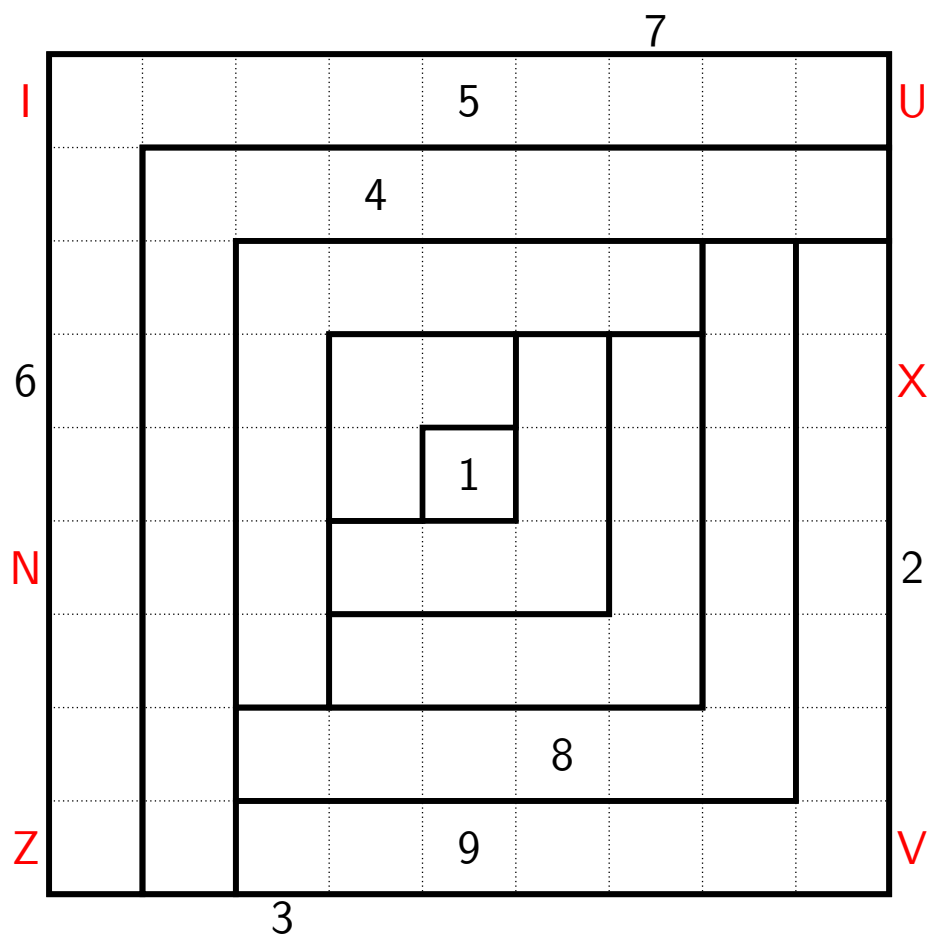
digit(s) 7 cannot be assigned to any hook



{1:1, 2:[2, 3], 3:5, 4:8, 5:9, 6:4, 7:[], 8:6, 9:7}

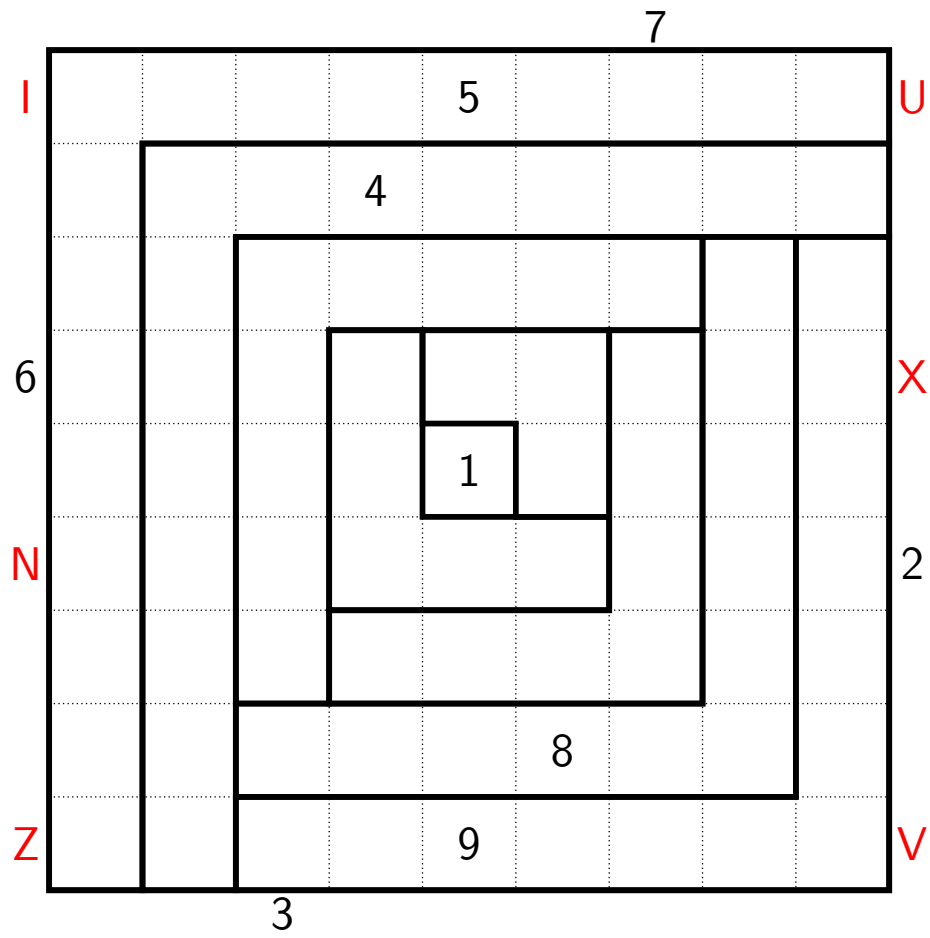
digit(s) 7 cannot be assigned to any hook





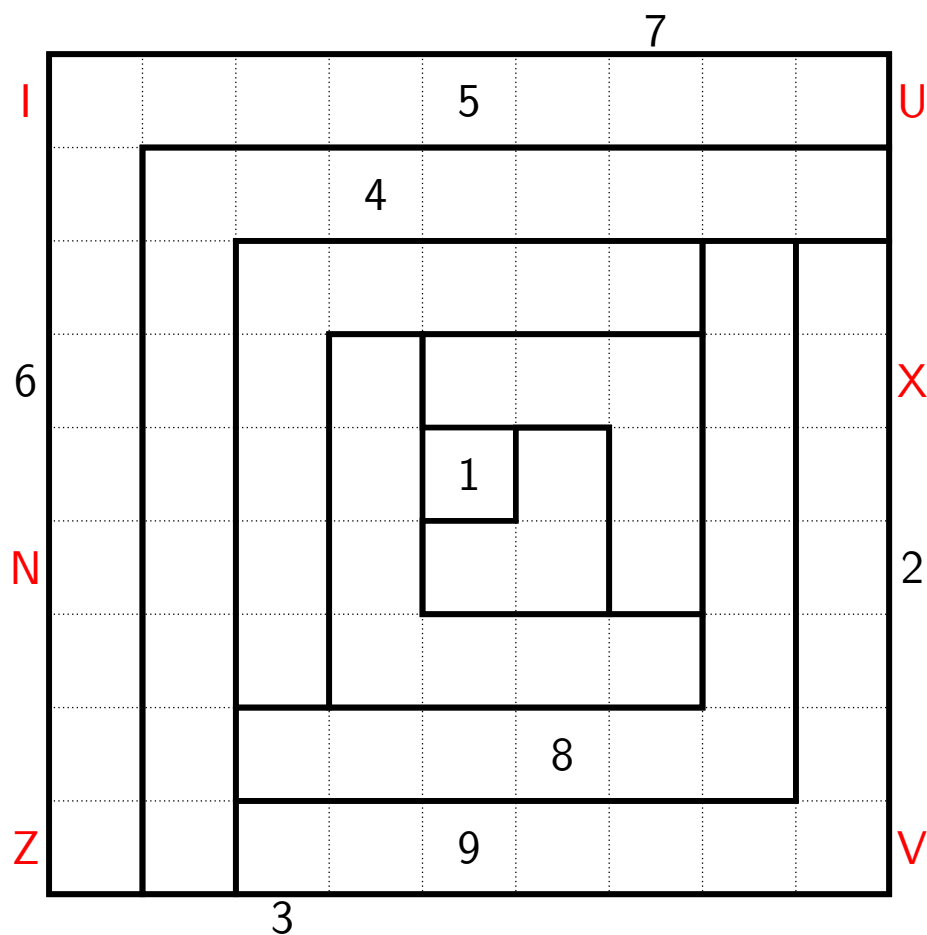
{1:1, 2:3, 3:5, 4:8, 5:9, 6:4, 7:[], 8:6, 9:7}

digit(s) 7 cannot be assigned to any hook



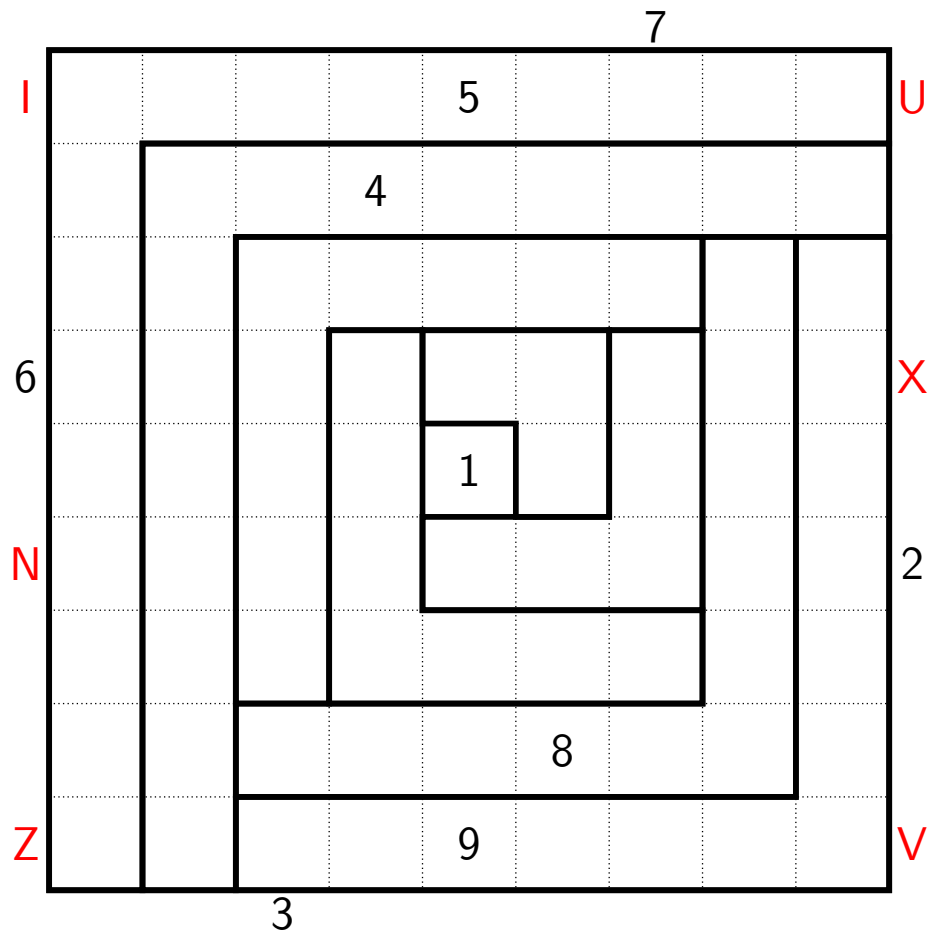
{1:1, 2:3, 3:5, 4:8, 5:9, 6:4, 7:[], 8:6, 9:7}

digit(s) 7 cannot be assigned to any hook



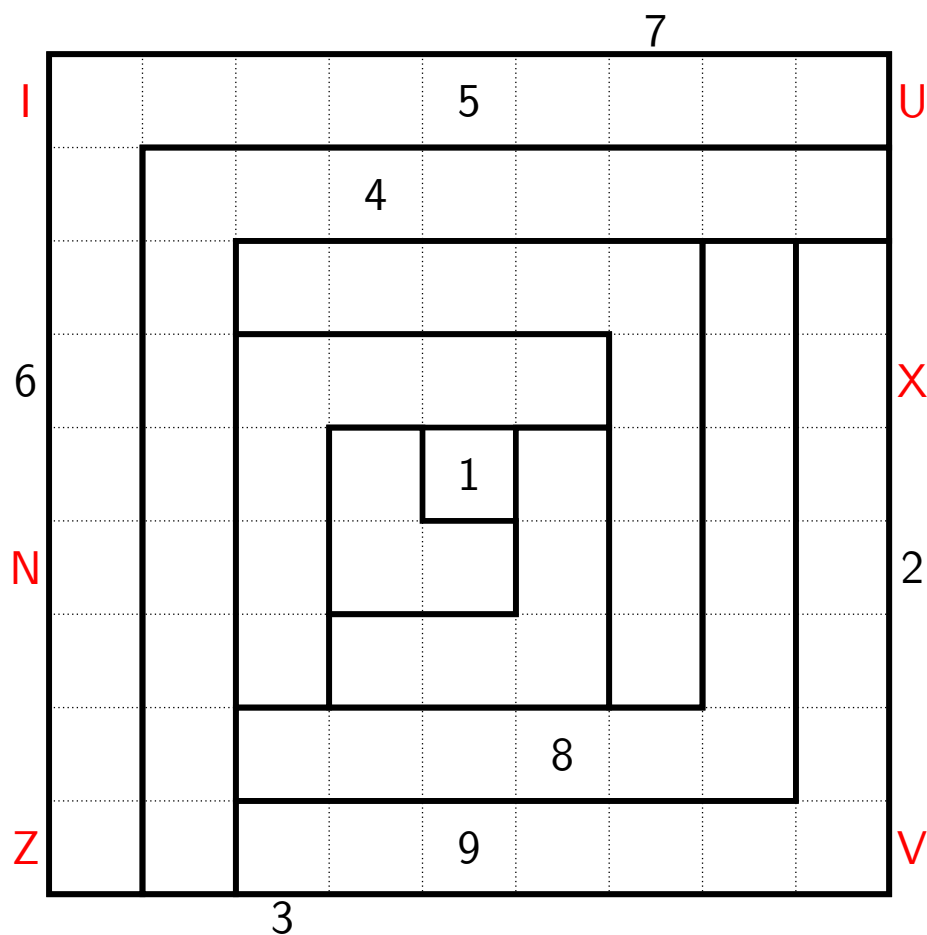
{1:1, 2:[2, 3], 3:5, 4:8, 5:9, 6:4, 7:[], 8:6, 9:7}

digit(s) 7 cannot be assigned to any hook



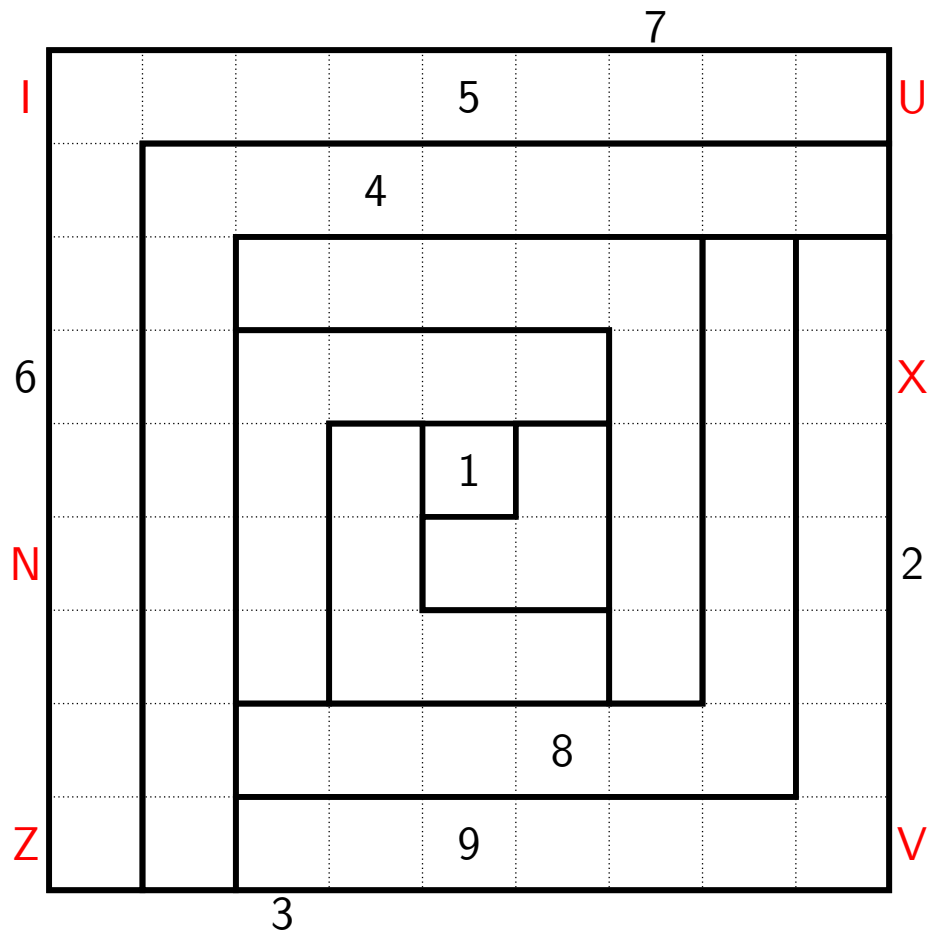
{1:1, 2:3, 3:5, 4:8, 5:9, 6:4, 7:[], 8:6, 9:7}

digit(s) 7 cannot be assigned to any hook



{1:1, 2:[2, 3], 3:4, 4:8, 5:9, 6:4, 7:5, 8:6, 9:7}

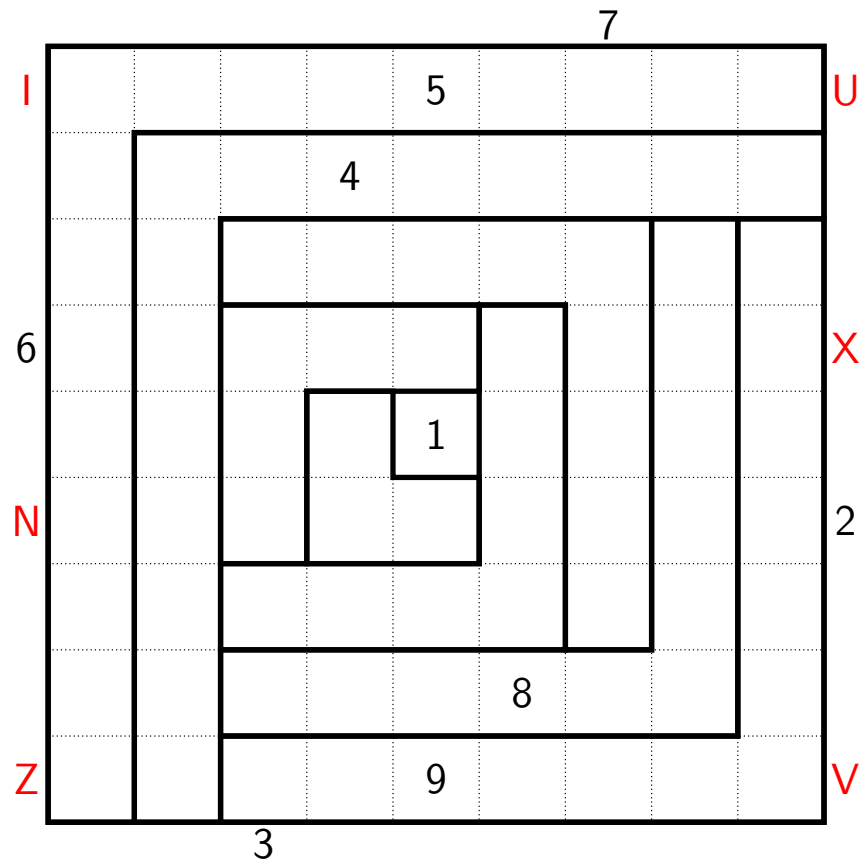
digits 3,6 are fighting over hook 4



{1:1, 2:[2, 3], 3:4, 4:8, 5:9, 6:4, 7:5, 8:6, 9:7}

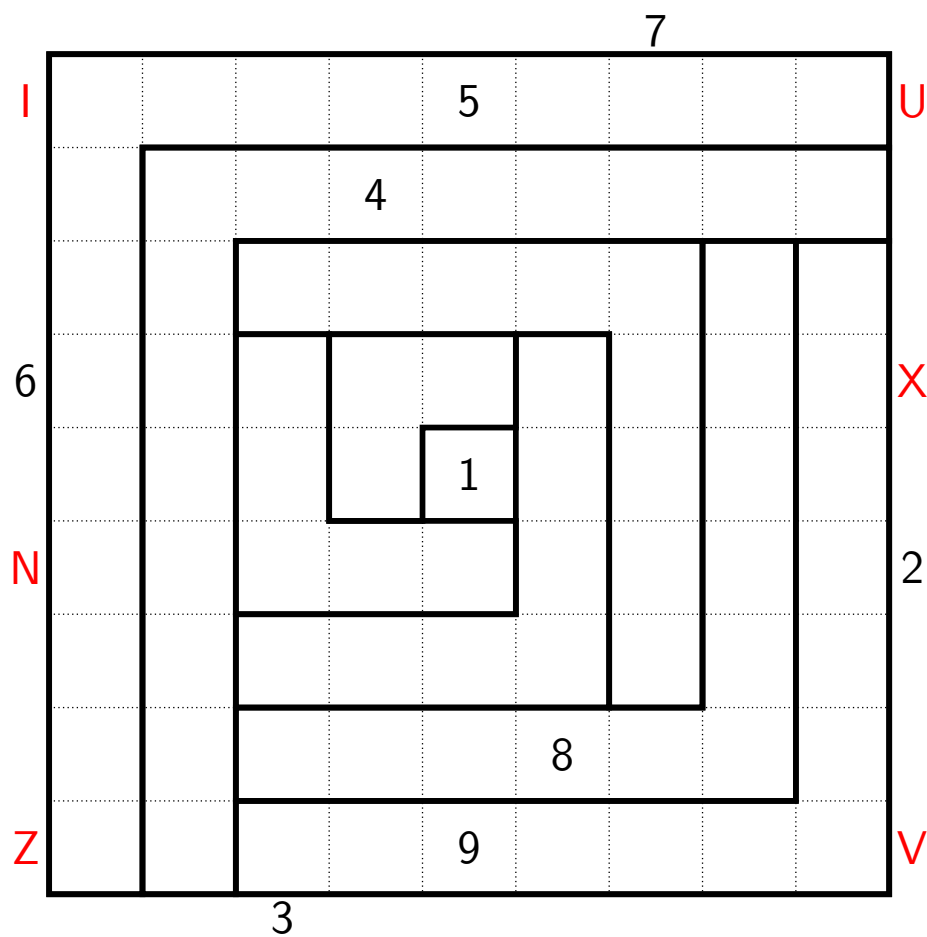
digits 3,6 are fighting over hook 4

$-1 : 1, 2 : 2, 3 : 3, 4 : 8, 5 : 9, 6 : 4, 7 : 5, 8 : 6, 9 : 7''$



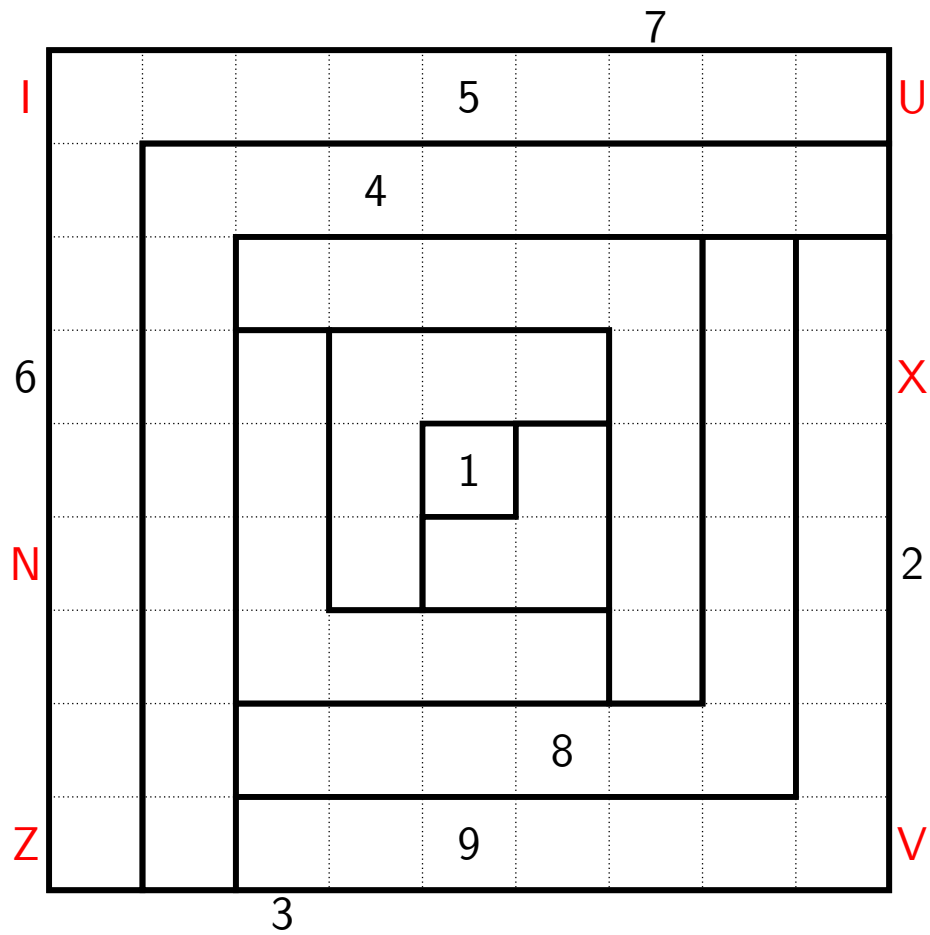
—1 : 1, 2 : 2, 3 : 3, 4 : 8, 5 : 9, 6 : 4, 7 : 5, 8 : 6, 9 : 7''





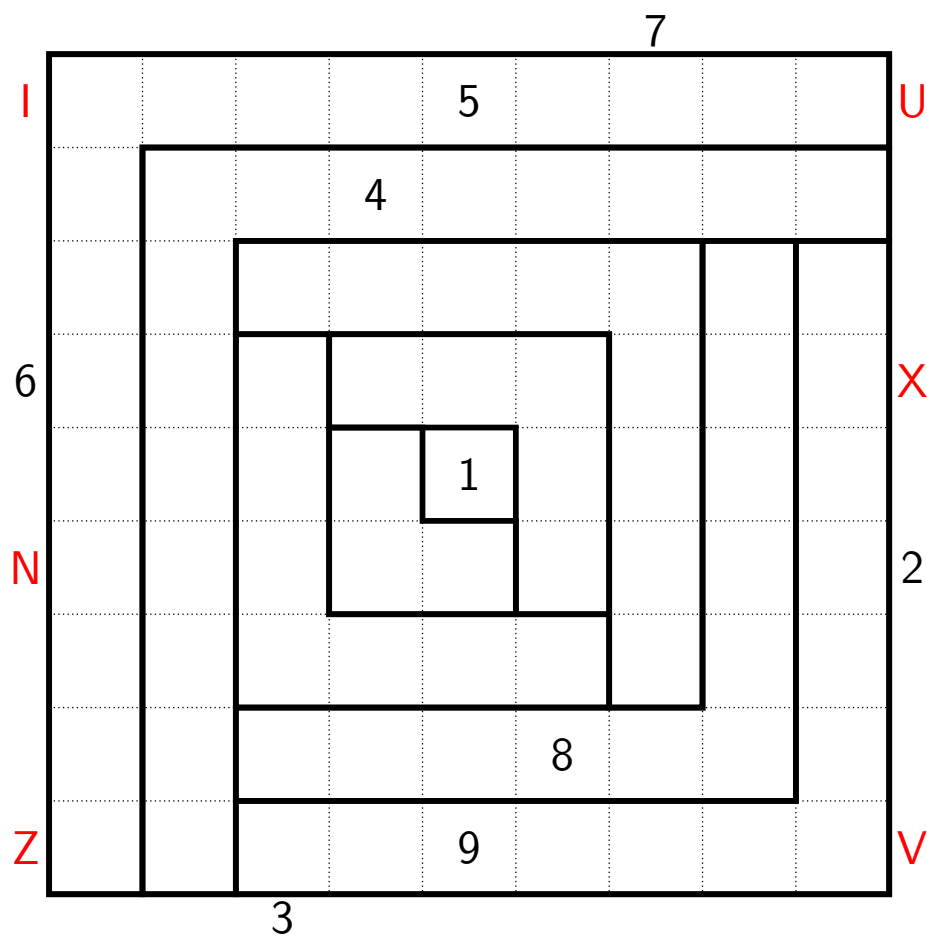
{1:1, 2:3, 3:3, 4:8, 5:9, 6:4, 7:5, 8:6, 9:7}

digits 2,3 are fighting over hook 3



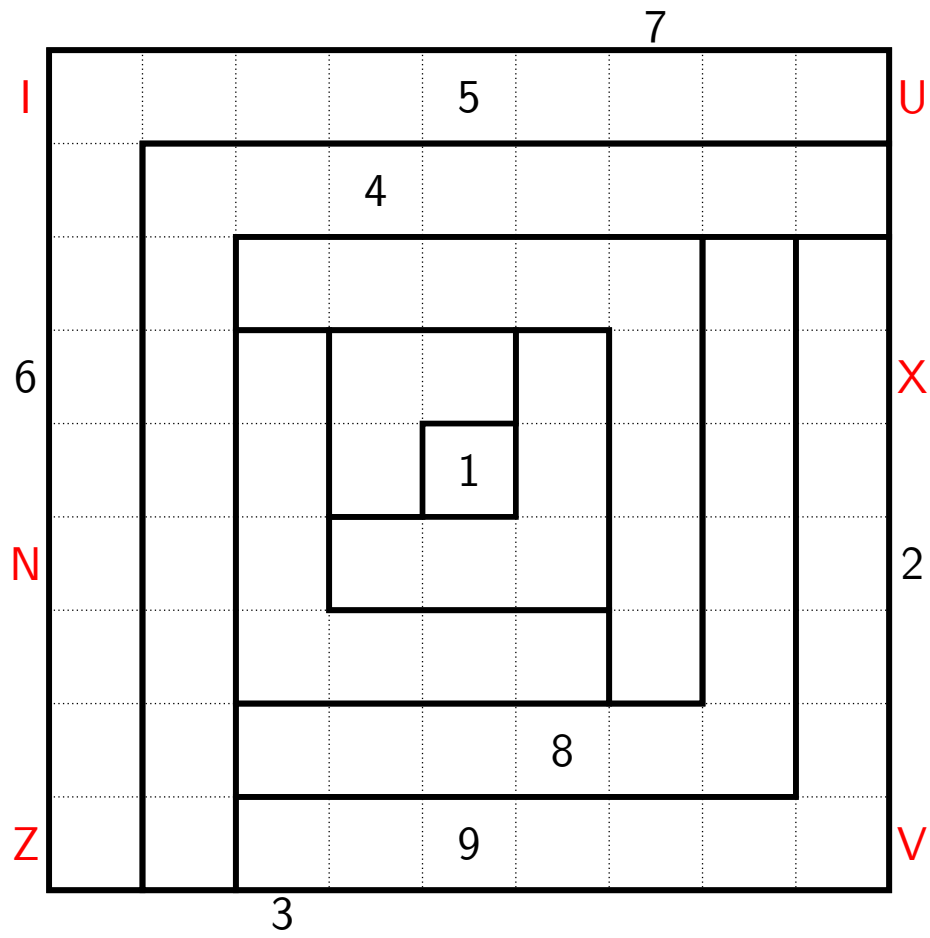
{1:1, 2:[2, 3], 3:4, 4:8, 5:9, 6:4, 7:5, 8:6, 9:7}

digits 3,6 are fighting over hook 4



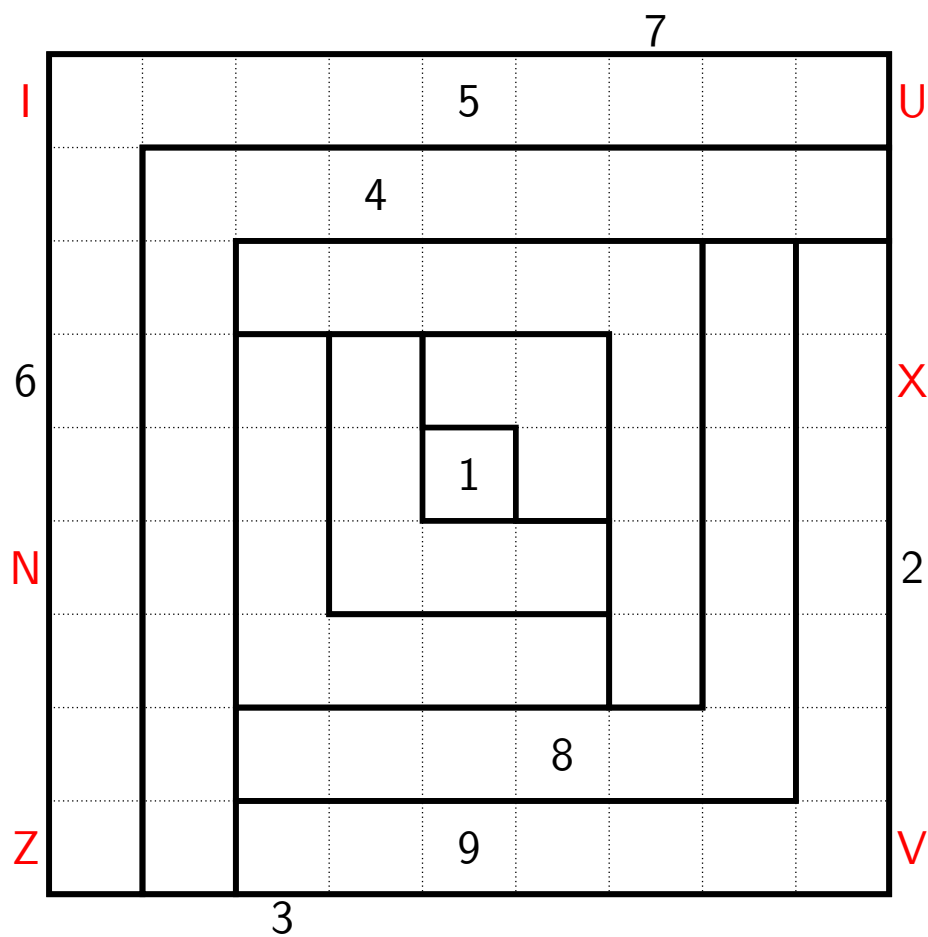
{1:1, 2:[2, 3], 3:4, 4:8, 5:9, 6:4, 7:5, 8:6, 9:7}

digits 3,6 are fighting over hook 4



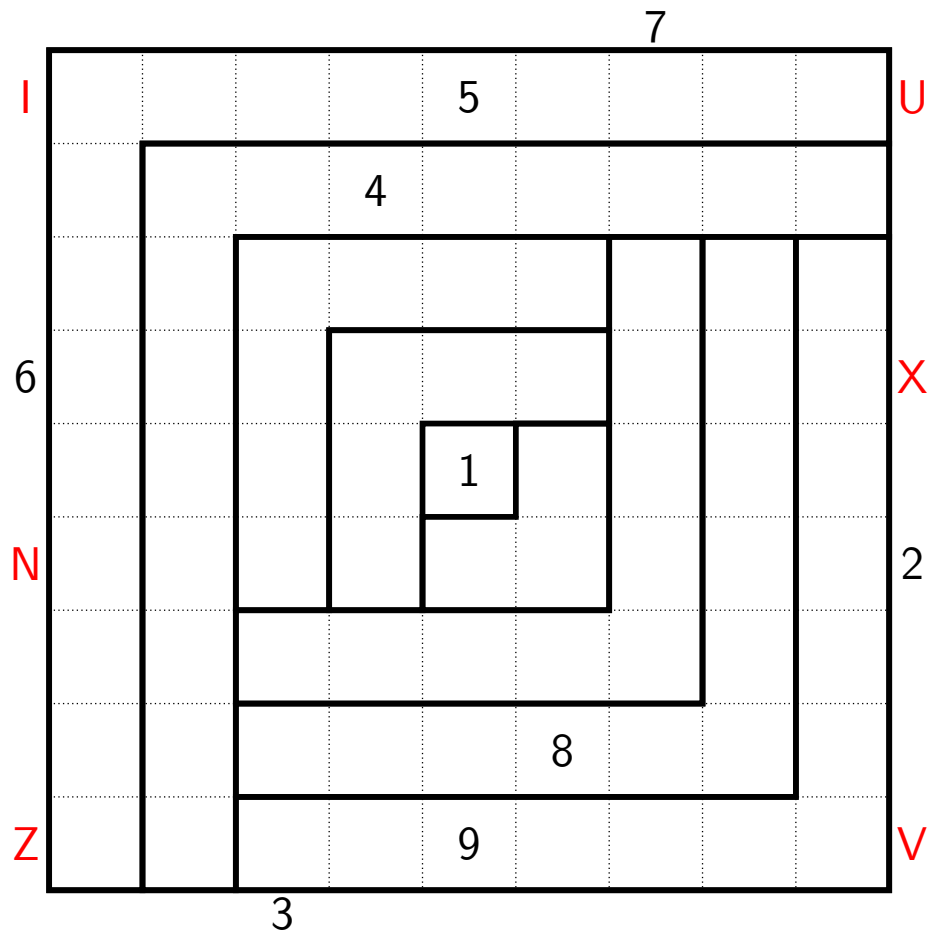
{1:1, 2:3, 3:4, 4:8, 5:9, 6:4, 7:5, 8:6, 9:7}

digits 3,6 are fighting over hook 4



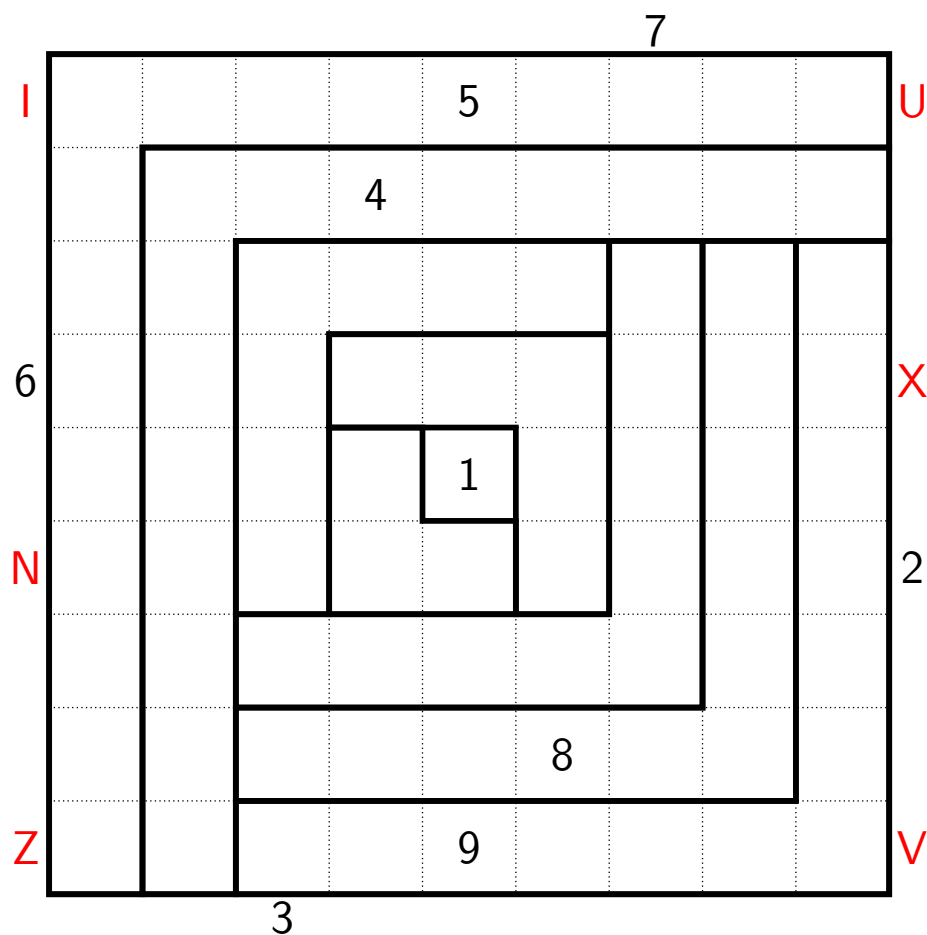
{1:1, 2:3, 3:4, 4:8, 5:9, 6:4, 7:5, 8:6, 9:7}

digits 3,6 are fighting over hook 4



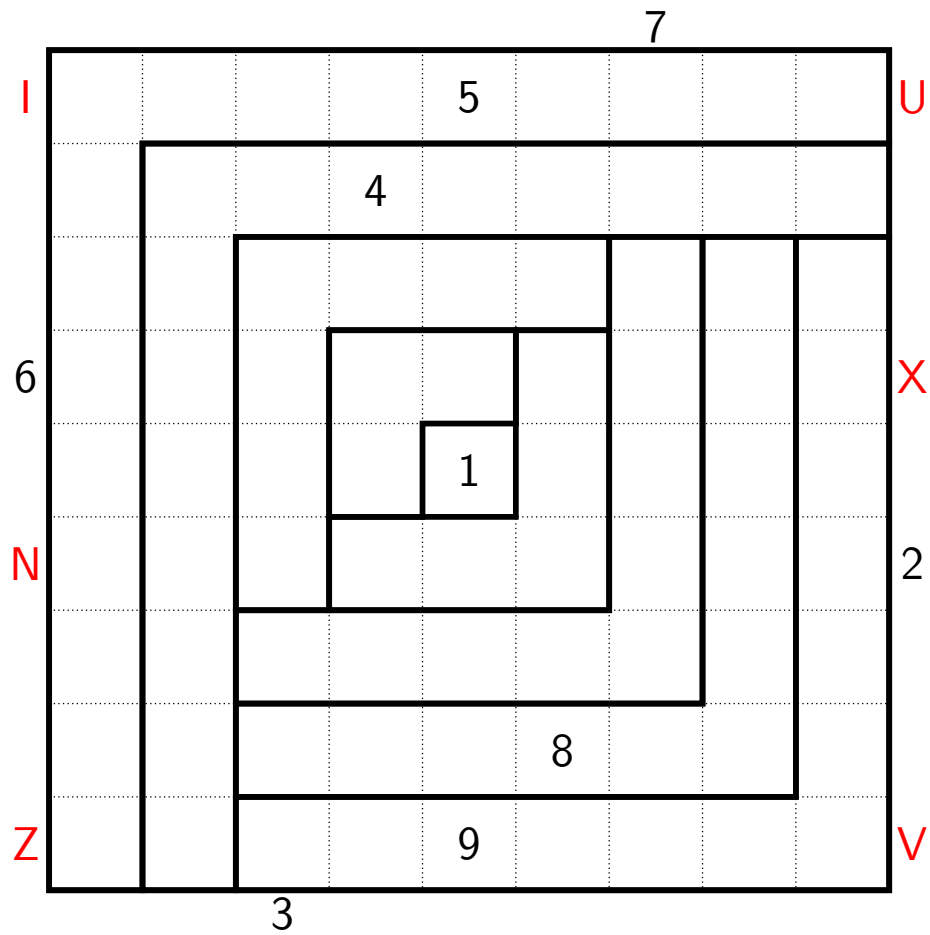
{1:1, 2:[2, 3], 3:4, 4:8, 5:9, 6:4, 7:5, 8:6, 9:7}

digits 3,6 are fighting over hook 4



{1:1, 2:[2, 3], 3:4, 4:8, 5:9, 6:4, 7:5, 8:6, 9:7}

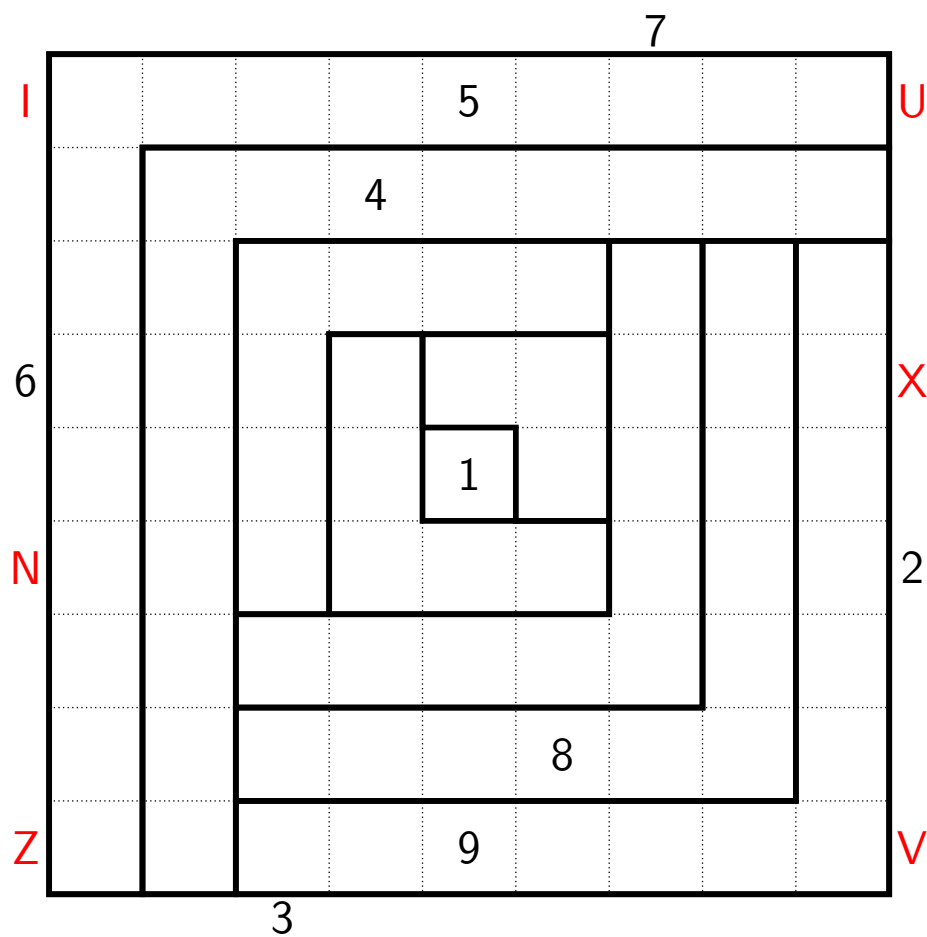
digits 3,6 are fighting over hook 4



{1:1, 2:3, 3:4, 4:8, 5:9, 6:4, 7:5, 8:6, 9:7}

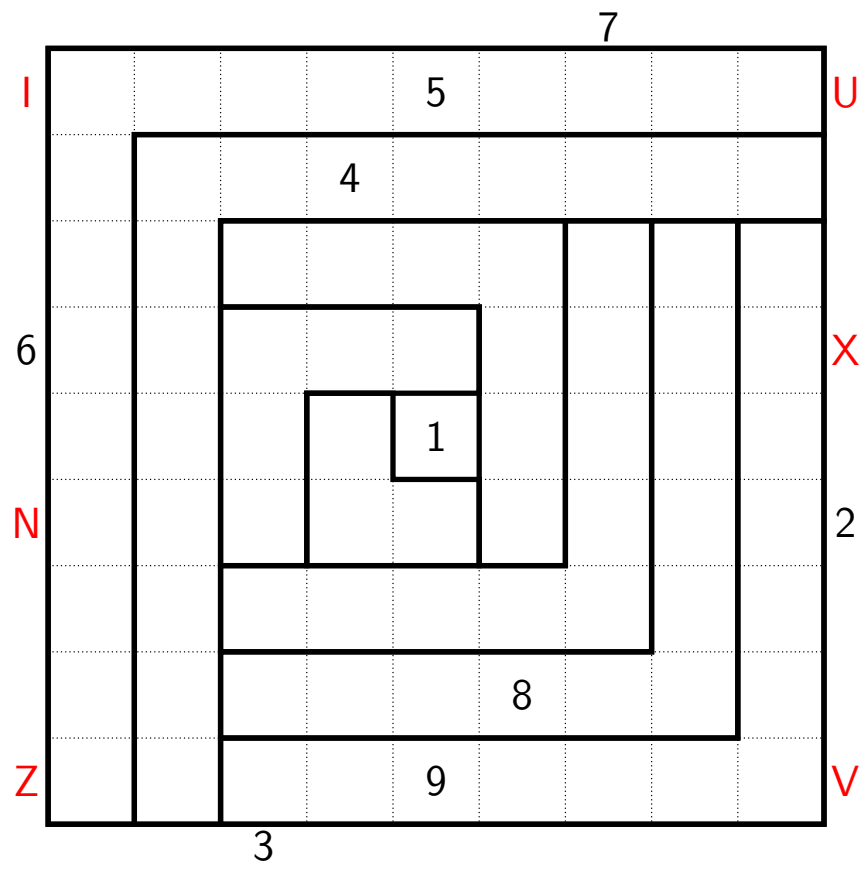
digits 3,6 are fighting over hook 4



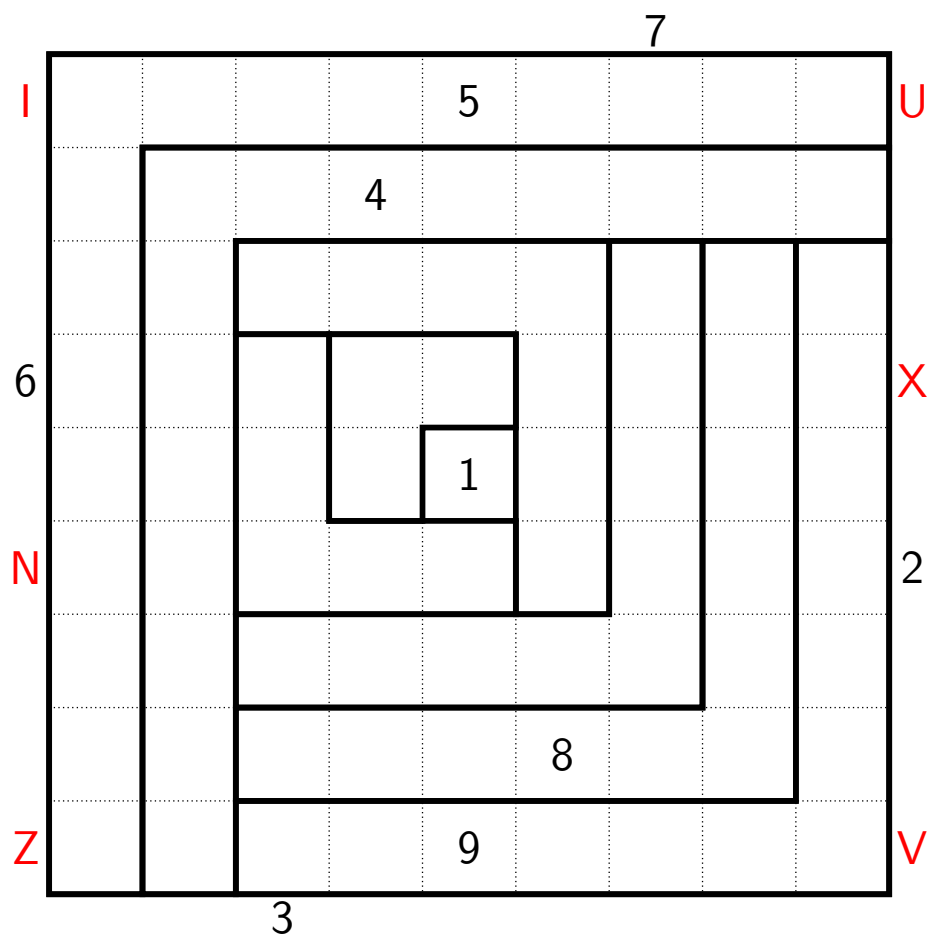


{1:1, 2:3, 3:4, 4:8, 5:9, 6:4, 7:5, 8:6, 9:7}

digits 3,6 are fighting over hook 4

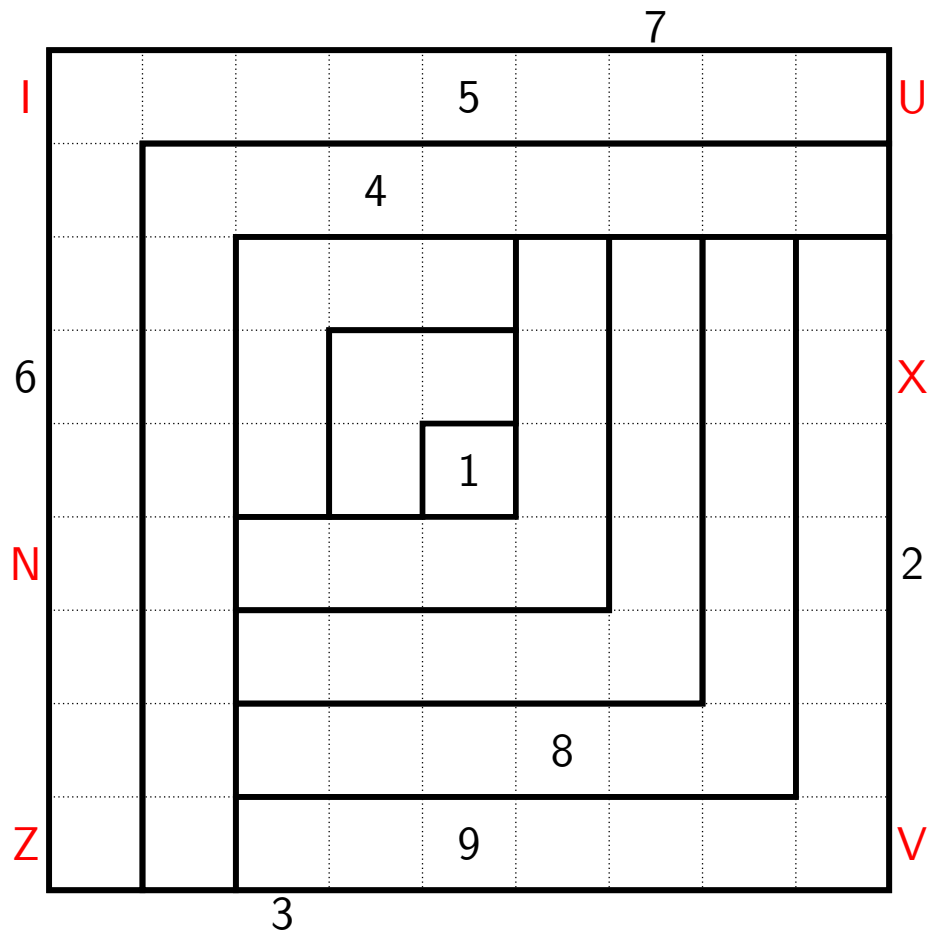


—1 : 1, 2 : 2, 3 : 3, 4 : 8, 5 : 9, 6 : 4, 7 : 5, 8 : 6, 9 : 7''



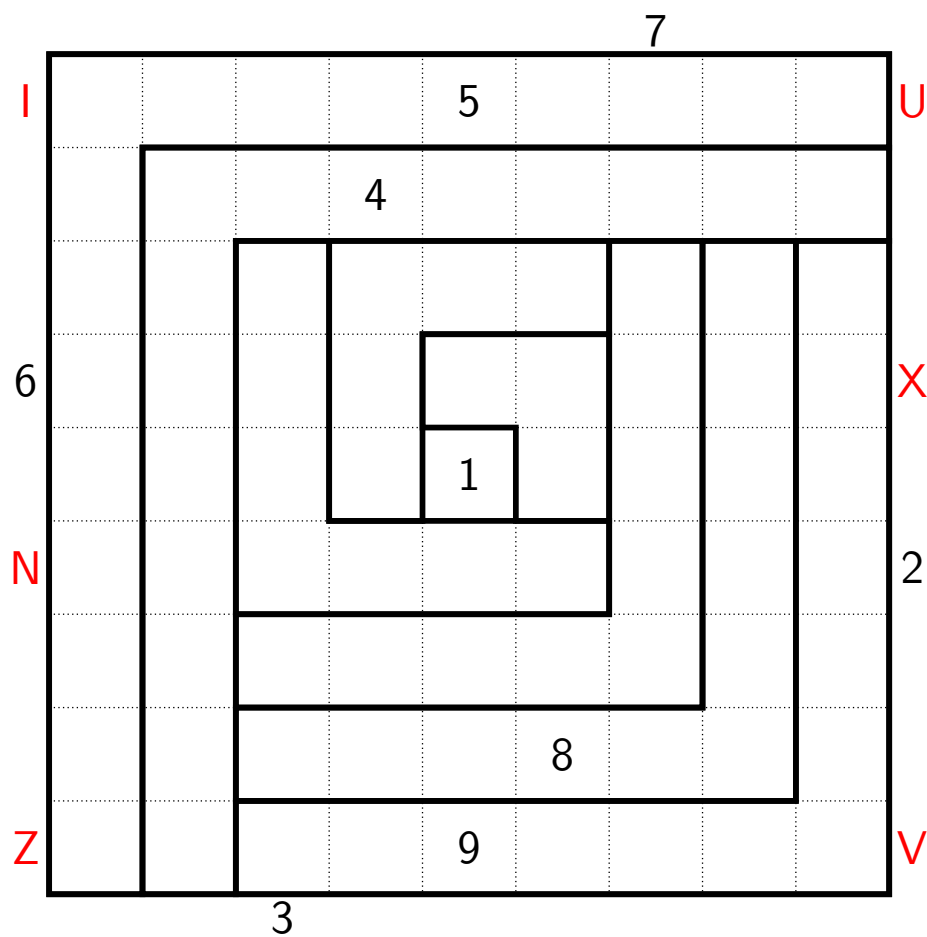
{1:1, 2:3, 3:3, 4:8, 5:9, 6:4, 7:5, 8:6, 9:7}

digits 2,3 are fighting over hook 3



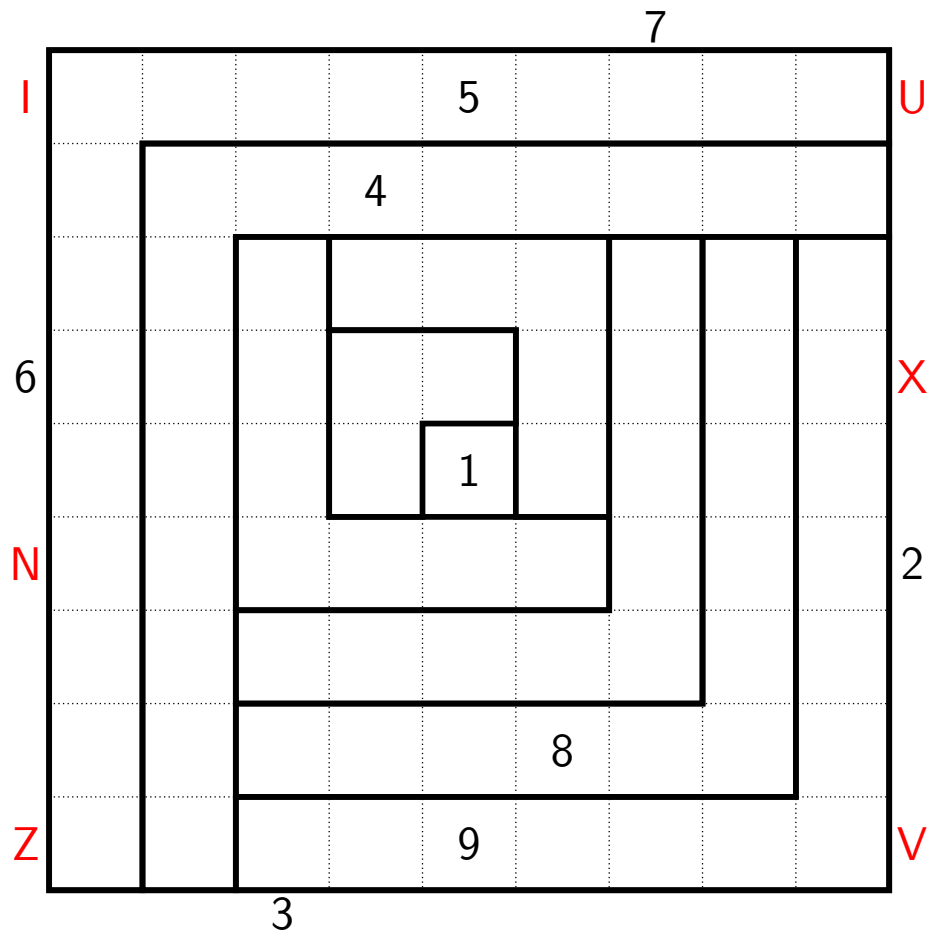
{1:1, 2:4, 3:3, 4:8, 5:9, 6:4, 7:5, 8:6, 9:7}

digits 2,6 are fighting over hook 4



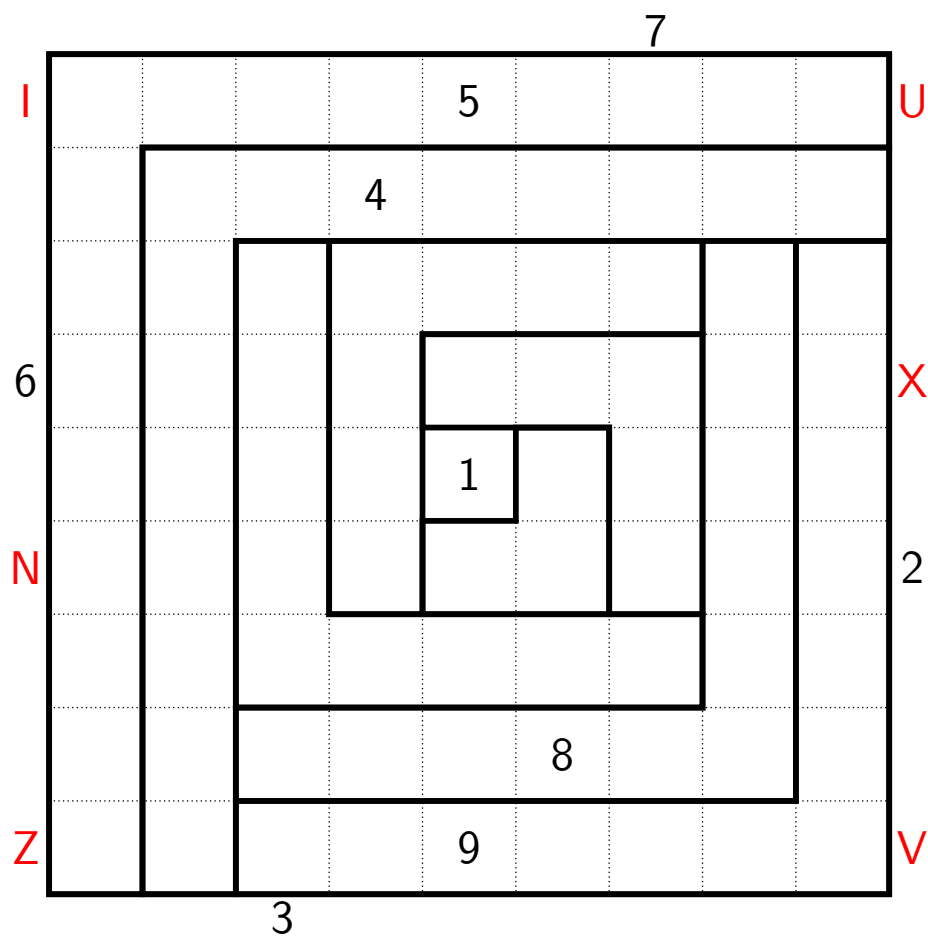
{1:1, 2:4, 3:4, 4:8, 5:9, 6:4, 7:5, 8:6, 9:7}

digits 2,3,6 are fighting over hook 4



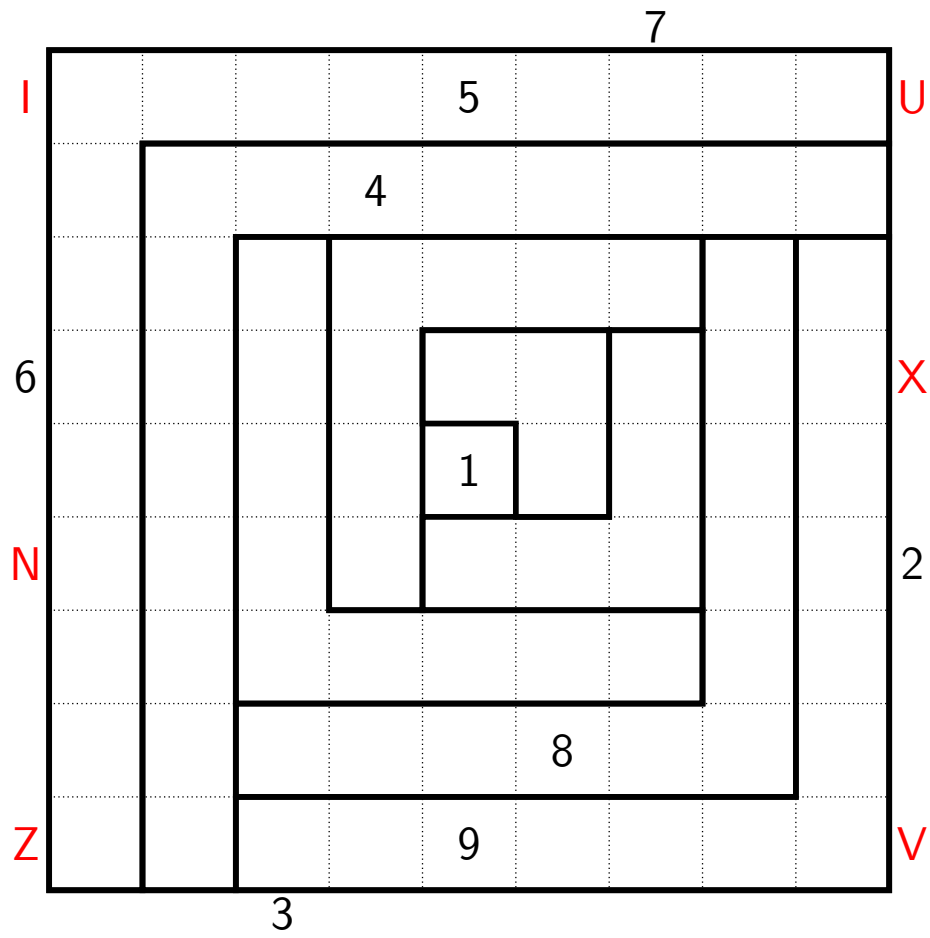
{1:1, 2:4, 3:4, 4:8, 5:9, 6:4, 7:5, 8:6, 9:7}

digits 2,3,6 are fighting over hook 4



{1:1, 2:[2, 3], 3:5, 4:8, 5:9, 6:4, 7:[], 8:6, 9:7}

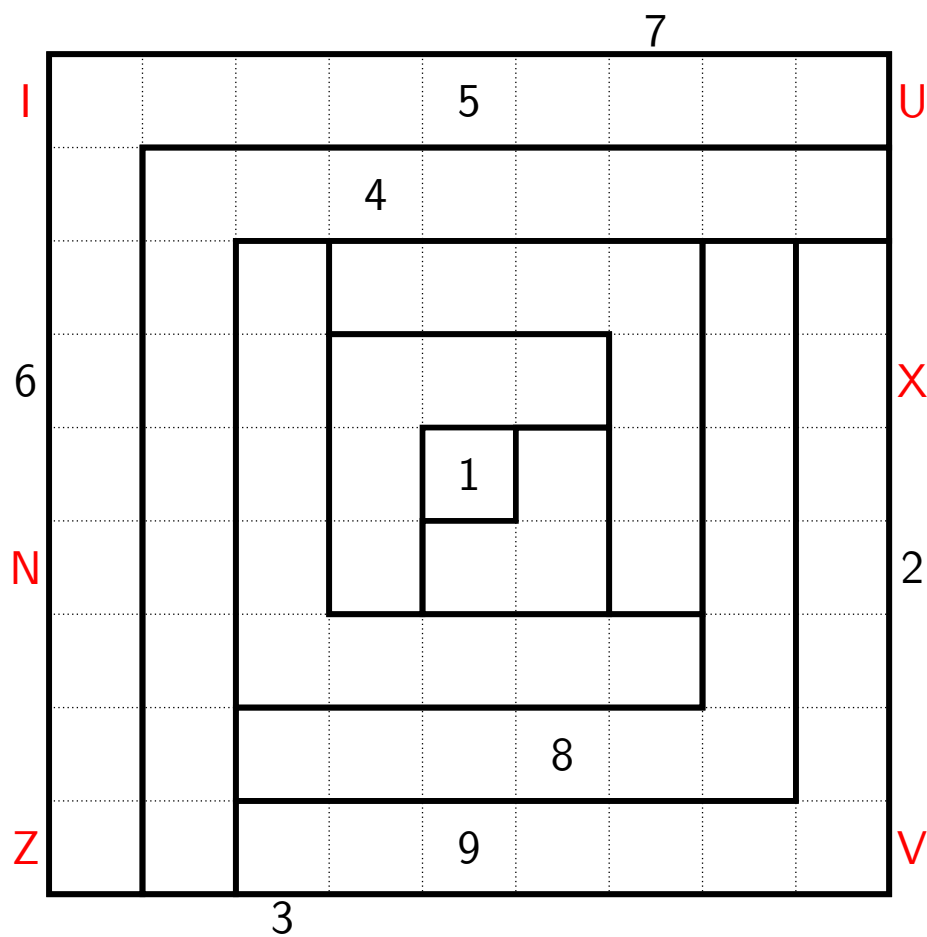
digit(s) 7 cannot be assigned to any hook



{1:1, 2:3, 3:5, 4:8, 5:9, 6:4, 7:[], 8:6, 9:7}

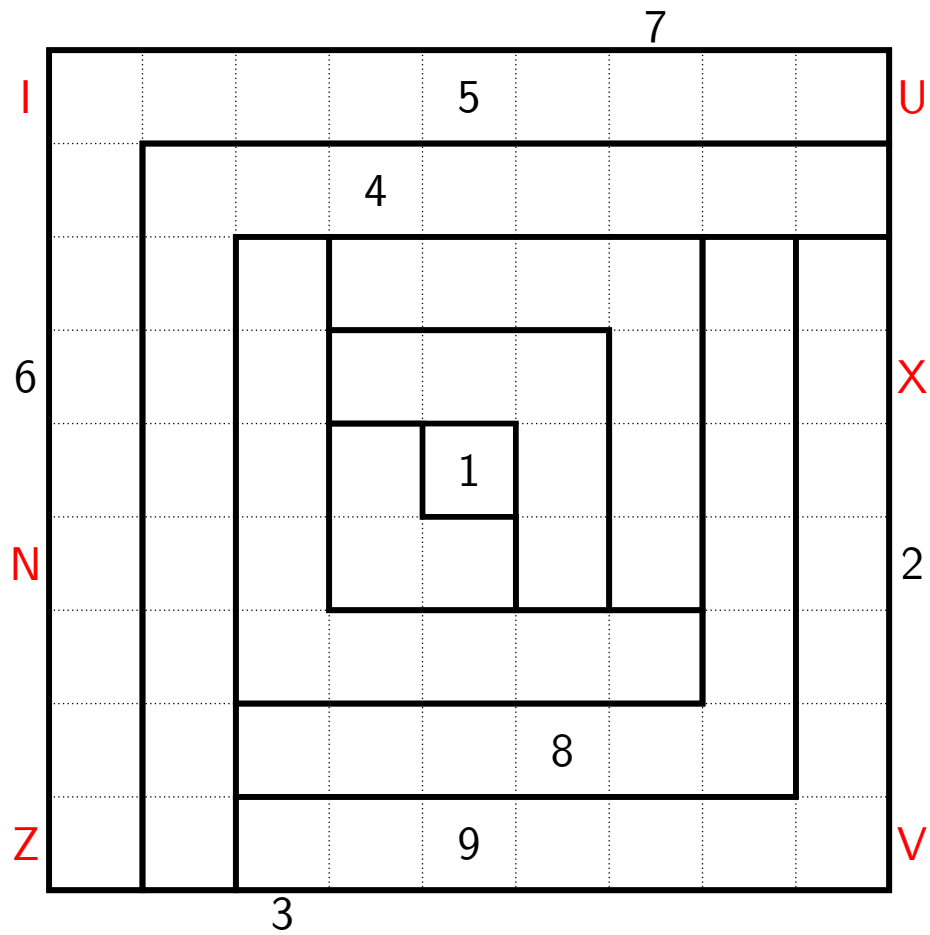
digit(s) 7 cannot be assigned to any hook





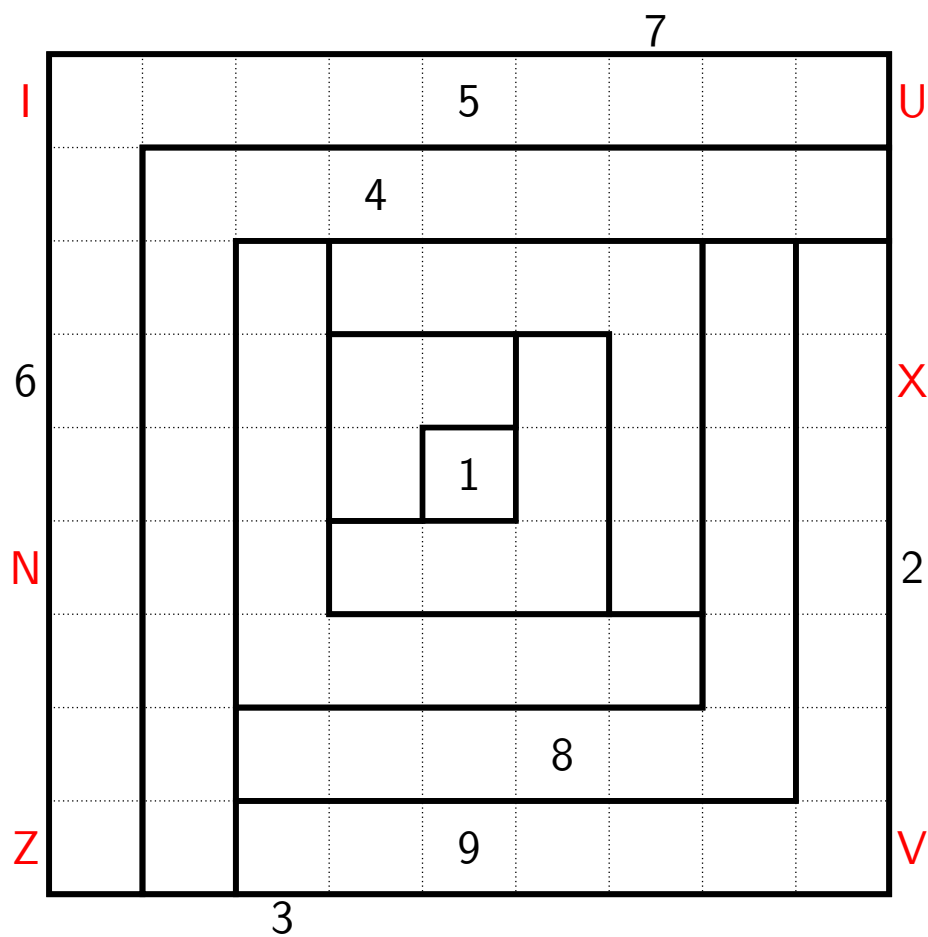
{1:1, 2:[2, 3], 3:5, 4:8, 5:9, 6:4, 7:[], 8:6, 9:7}

digit(s) 7 cannot be assigned to any hook



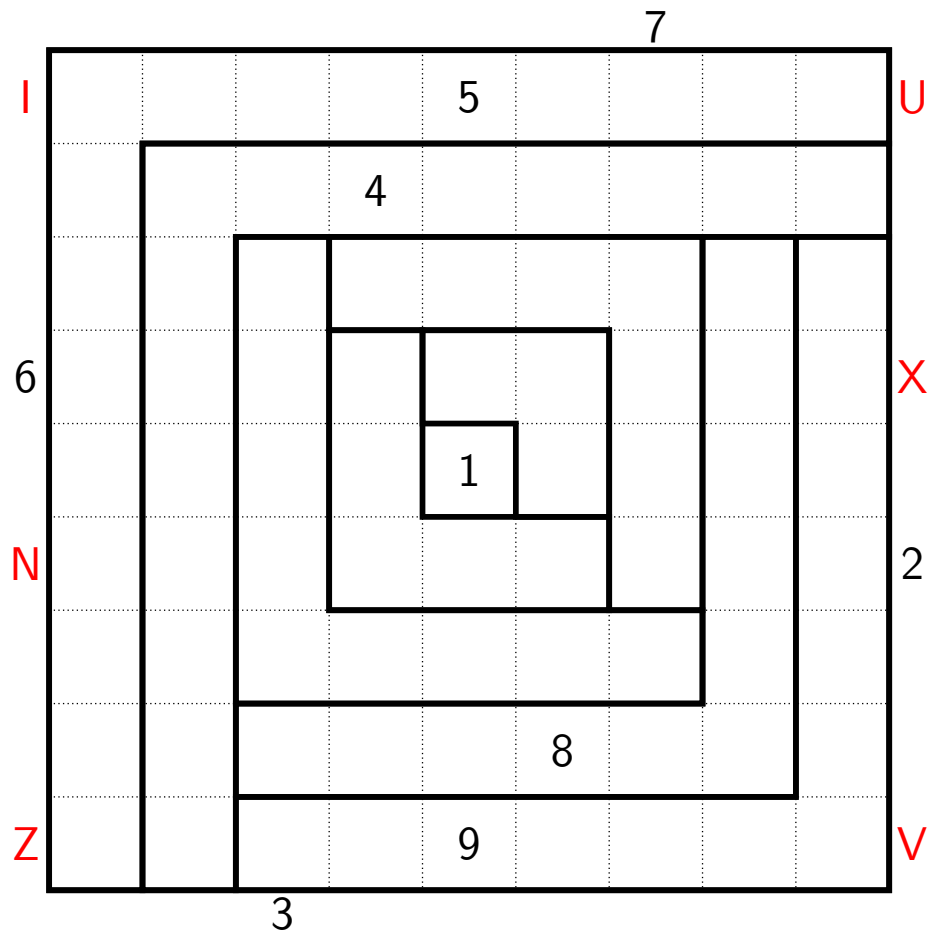
{1:1, 2:[2, 3], 3:5, 4:8, 5:9, 6:4, 7:[], 8:6, 9:7}

digit(s) 7 cannot be assigned to any hook



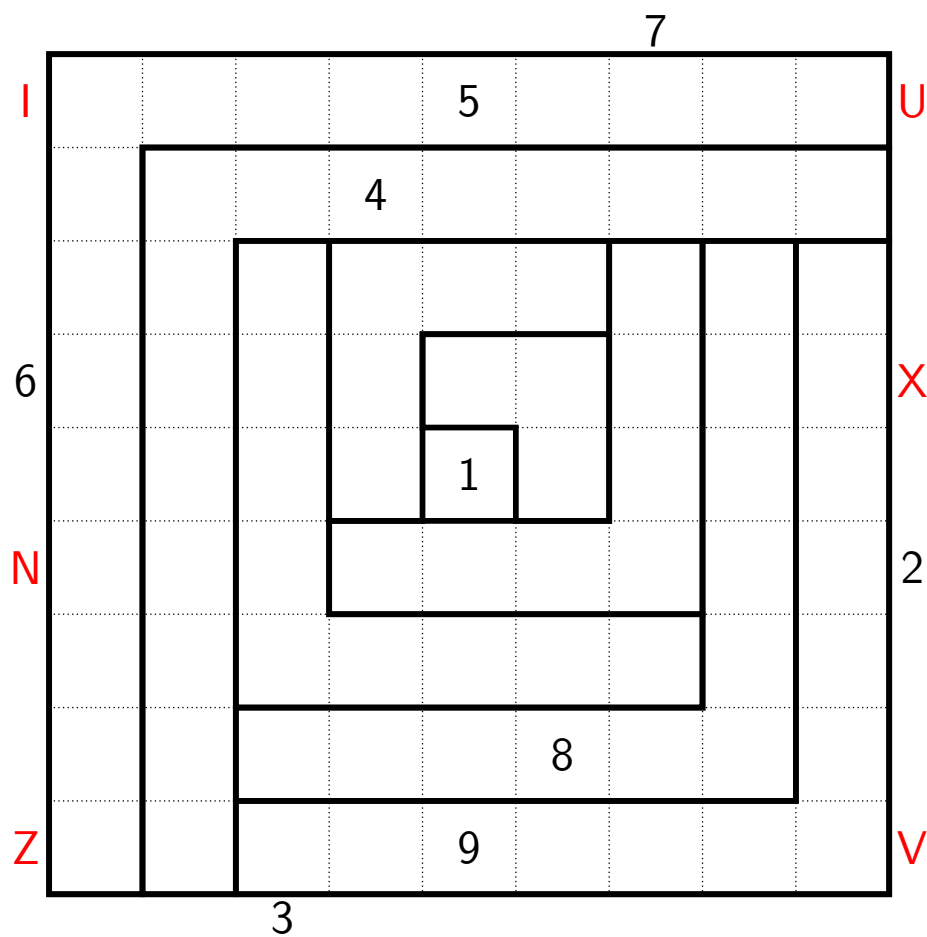
{1:1, 2:3, 3:5, 4:8, 5:9, 6:4, 7:[], 8:6, 9:7}

digit(s) 7 cannot be assigned to any hook



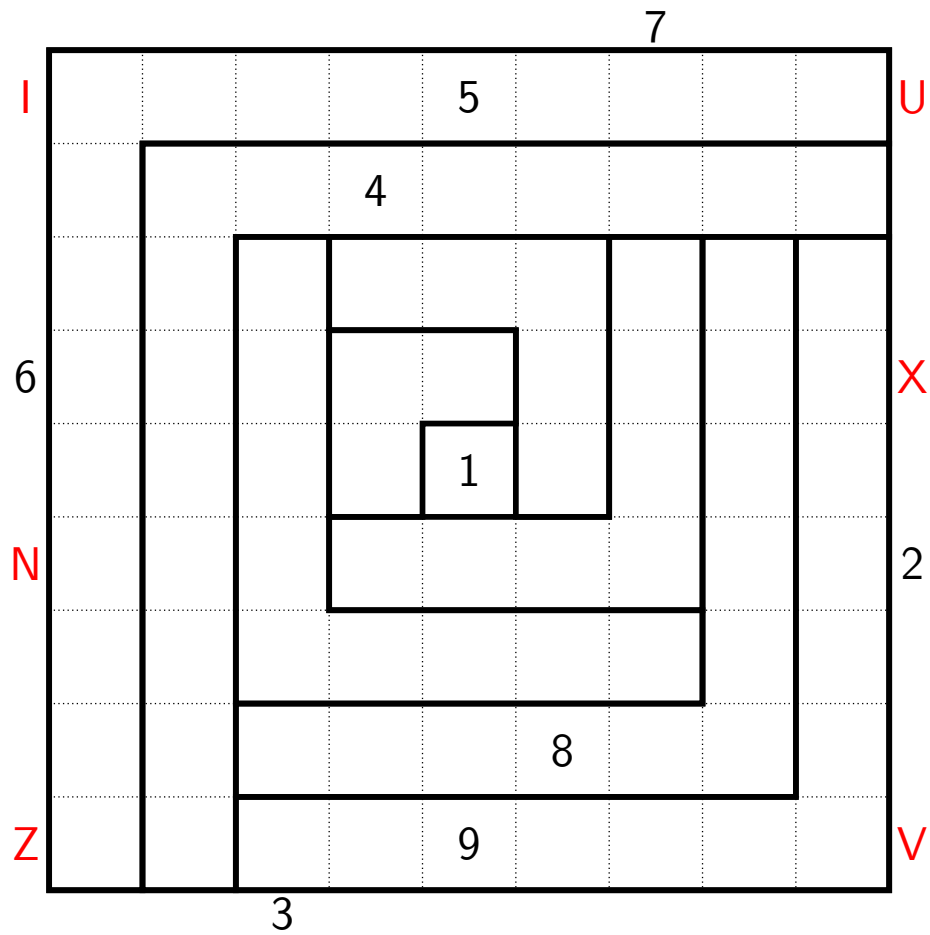
{1:1, 2:3, 3:5, 4:8, 5:9, 6:4, 7:[], 8:6, 9:7}

digit(s) 7 cannot be assigned to any hook



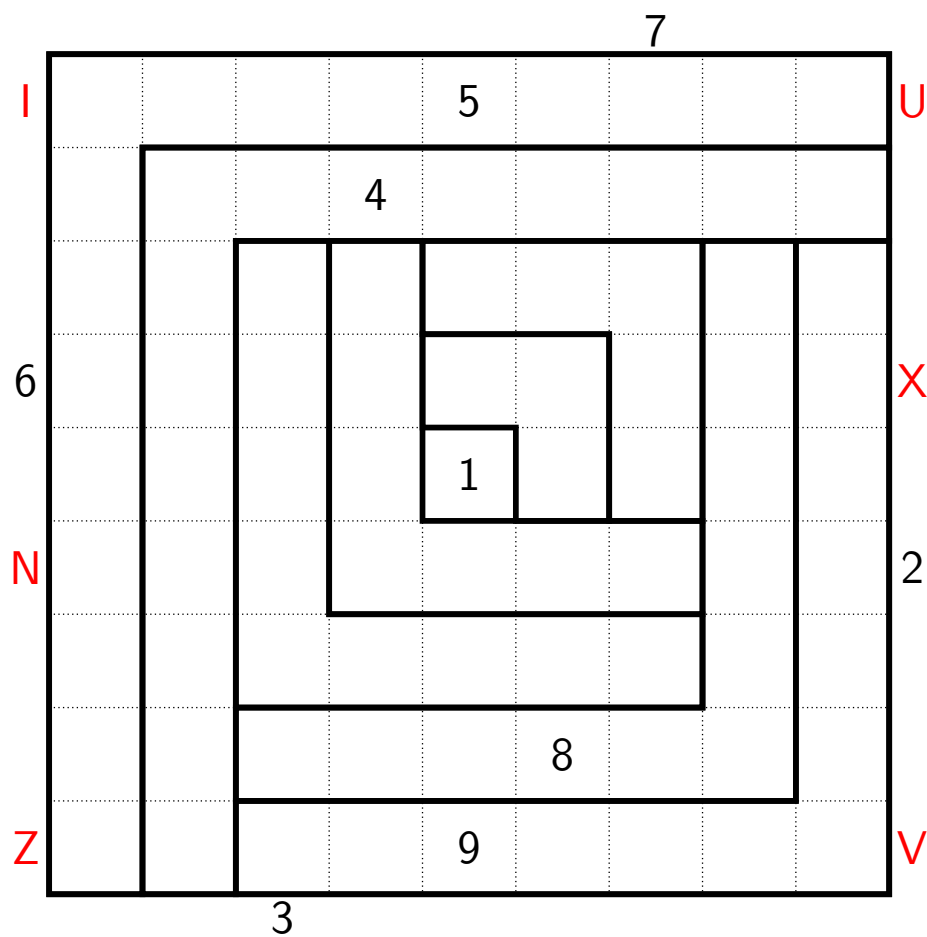
{1:1, 2:5, 3:5, 4:8, 5:9, 6:4, 7:[], 8:6, 9:7}

digits 2,3 are fighting over hook 5



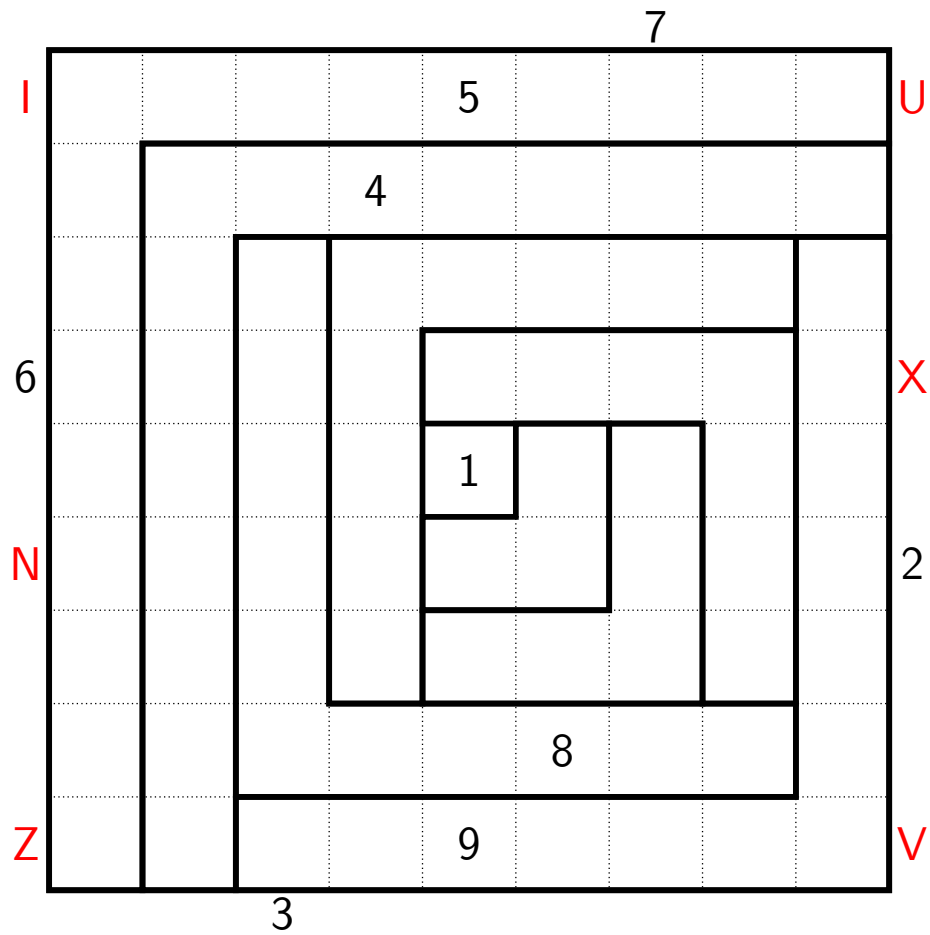
{1:1, 2:5, 3:5, 4:8, 5:9, 6:4, 7:[], 8:6, 9:7}

digits 2,3 are fighting over hook 5



{1:1, 2:5, 3:5, 4:8, 5:9, 6:4, 7:[], 8:6, 9:7}

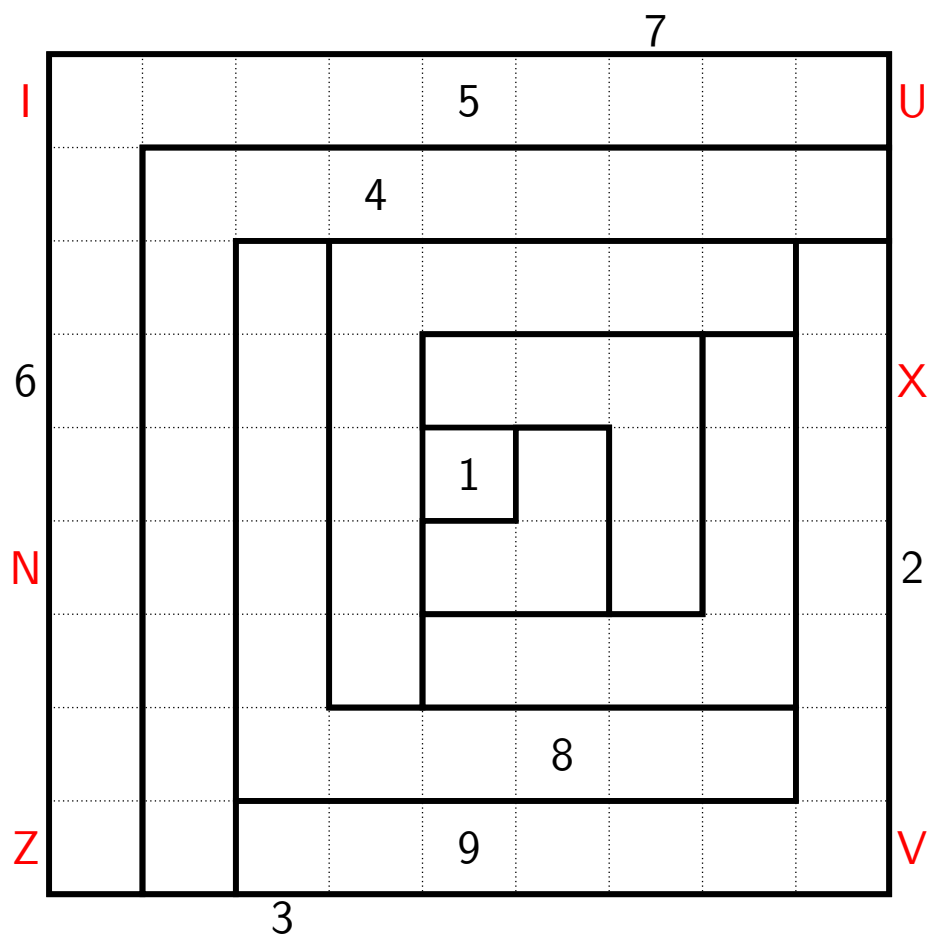
digits 2,3 are fighting over hook 5



{1:1, 2:[2, 3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

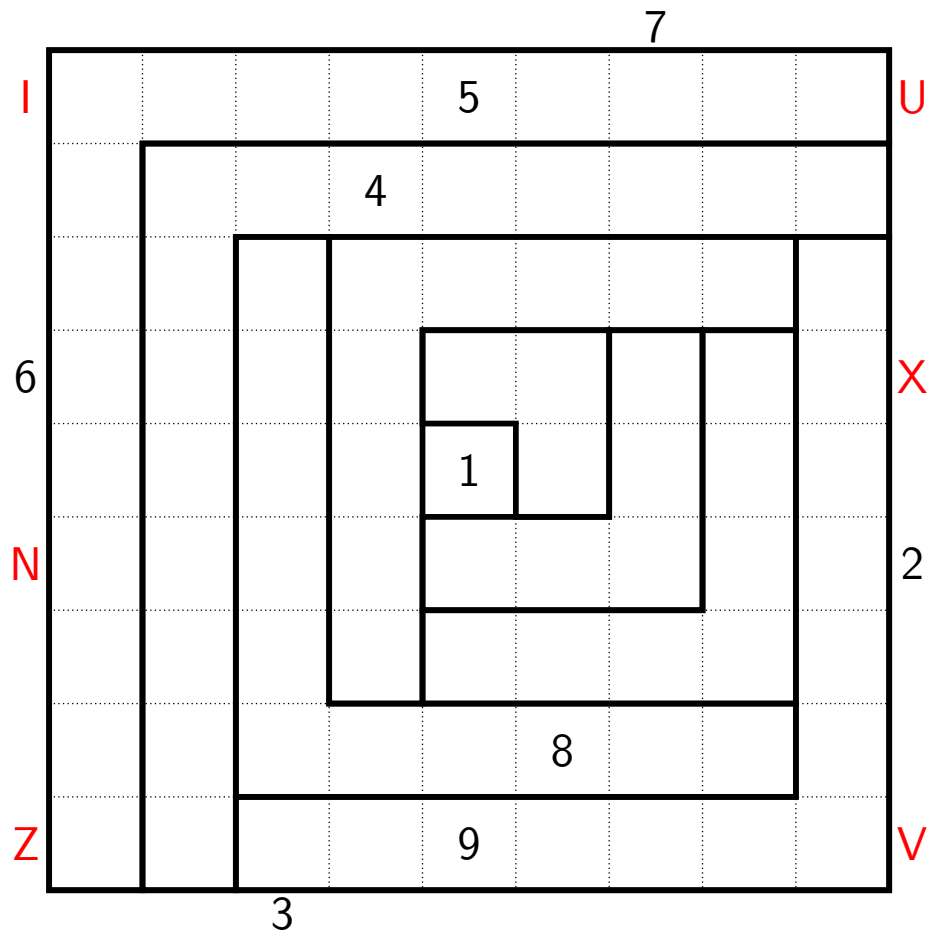
digit(s) 3 cannot be assigned to any hook





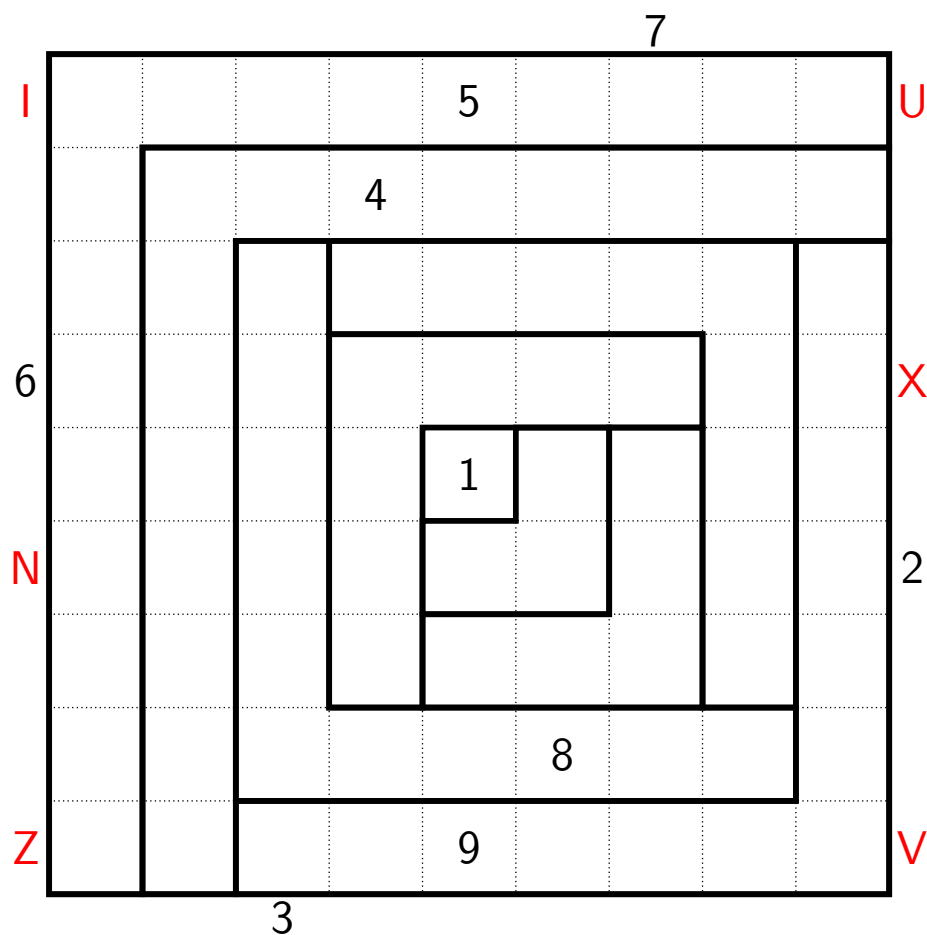
{1:1, 2:[2, 3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

digit(s) 3 cannot be assigned to any hook



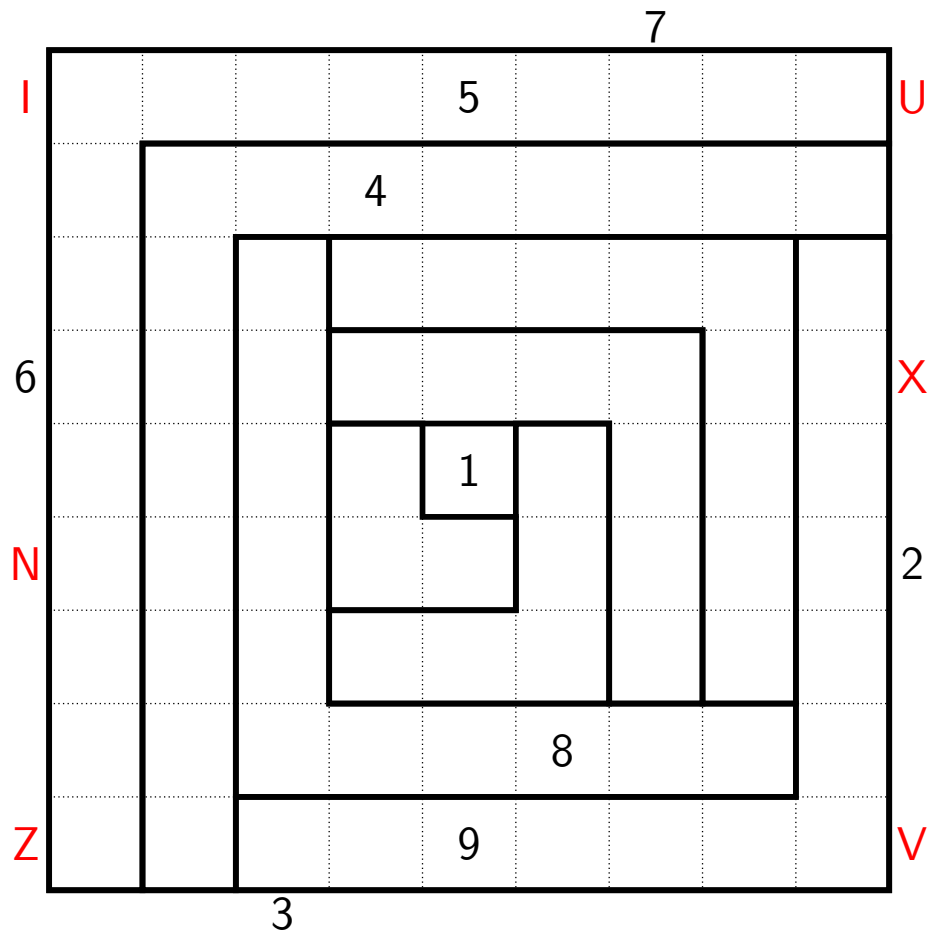
{1:1, 2:[3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

digit(s) 3 cannot be assigned to any hook



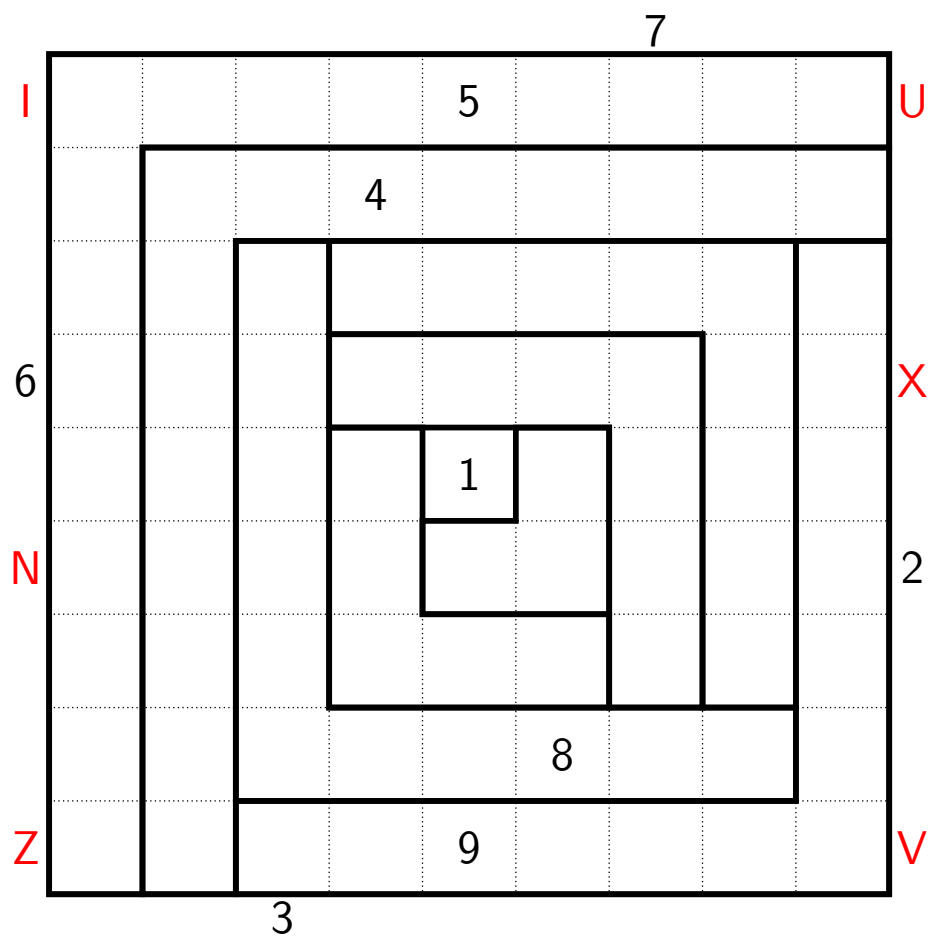
{1:1, 2:[2, 3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

digit(s) 3 cannot be assigned to any hook



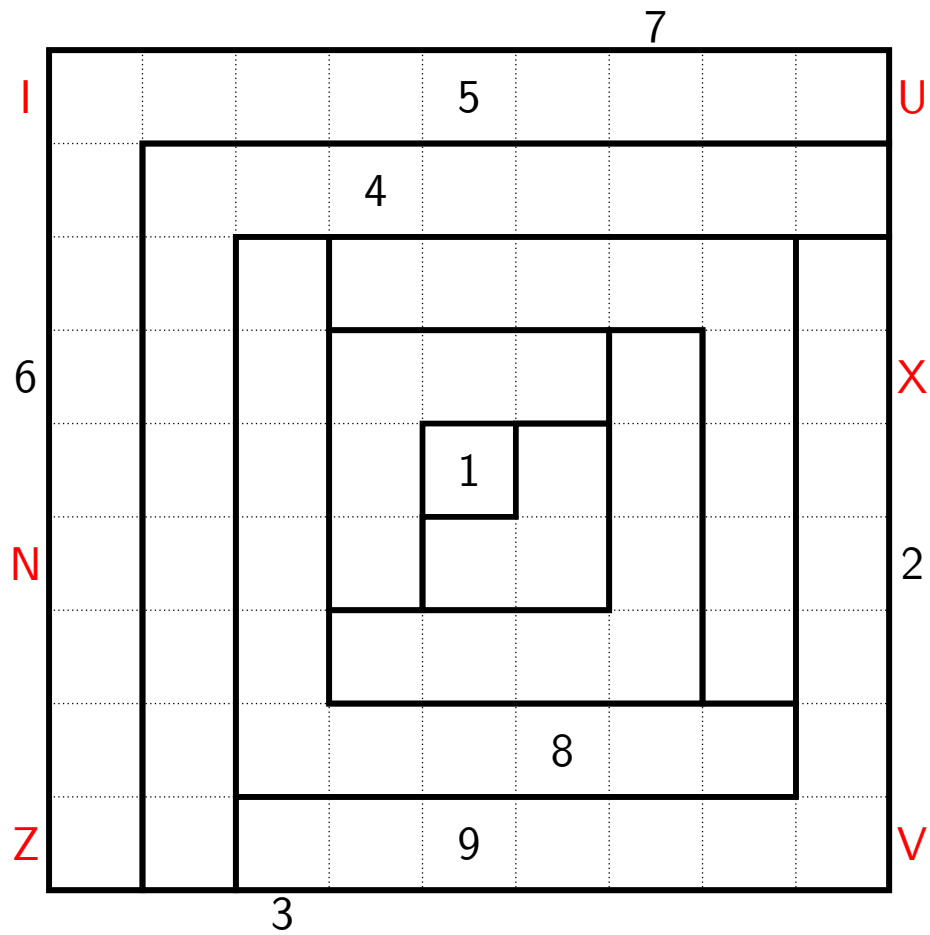
{1:1, 2:[2, 3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

digit(s) 3 cannot be assigned to any hook



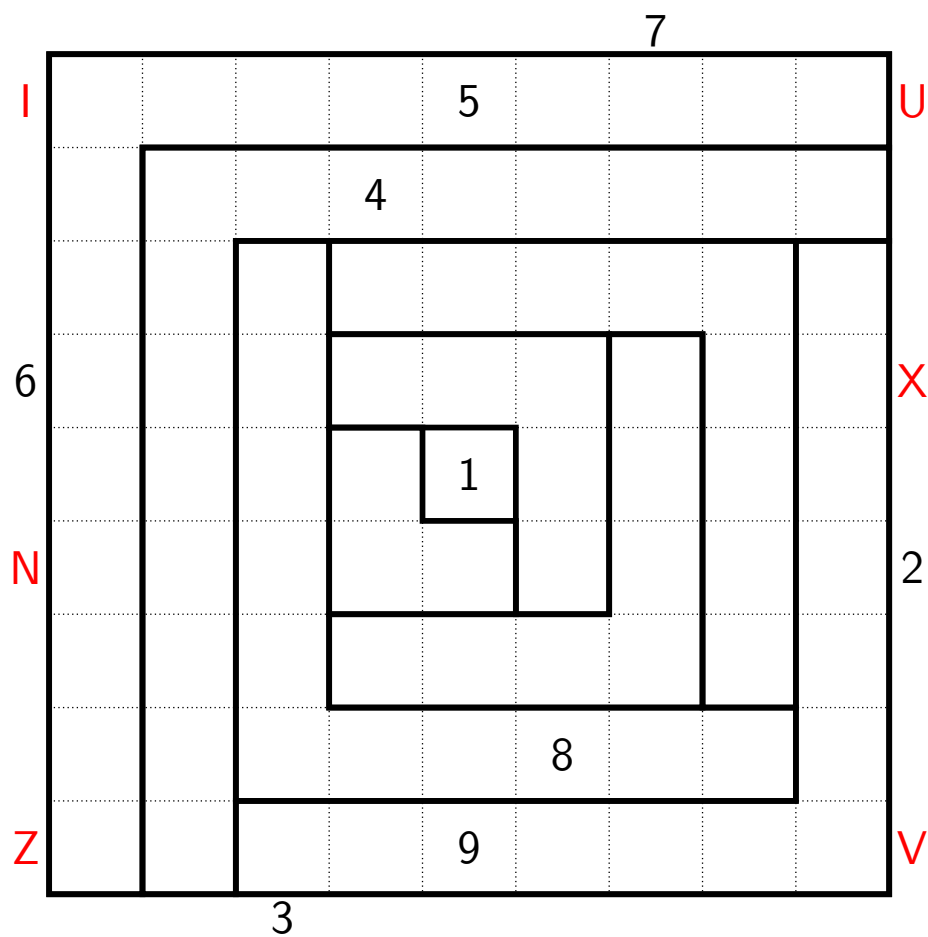
{1:1, 2:[2, 3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

digit(s) 3 cannot be assigned to any hook



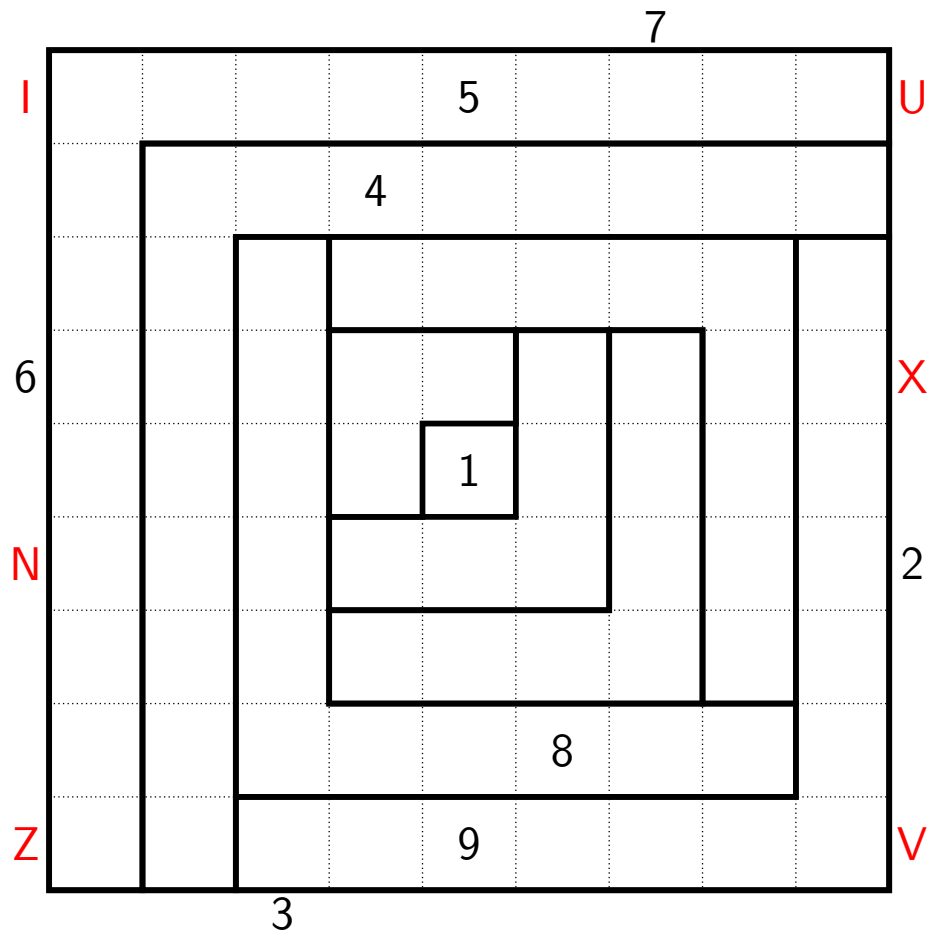
{1:1, 2:[2, 3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

digit(s) 3 cannot be assigned to any hook



{1:1, 2:[2, 3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

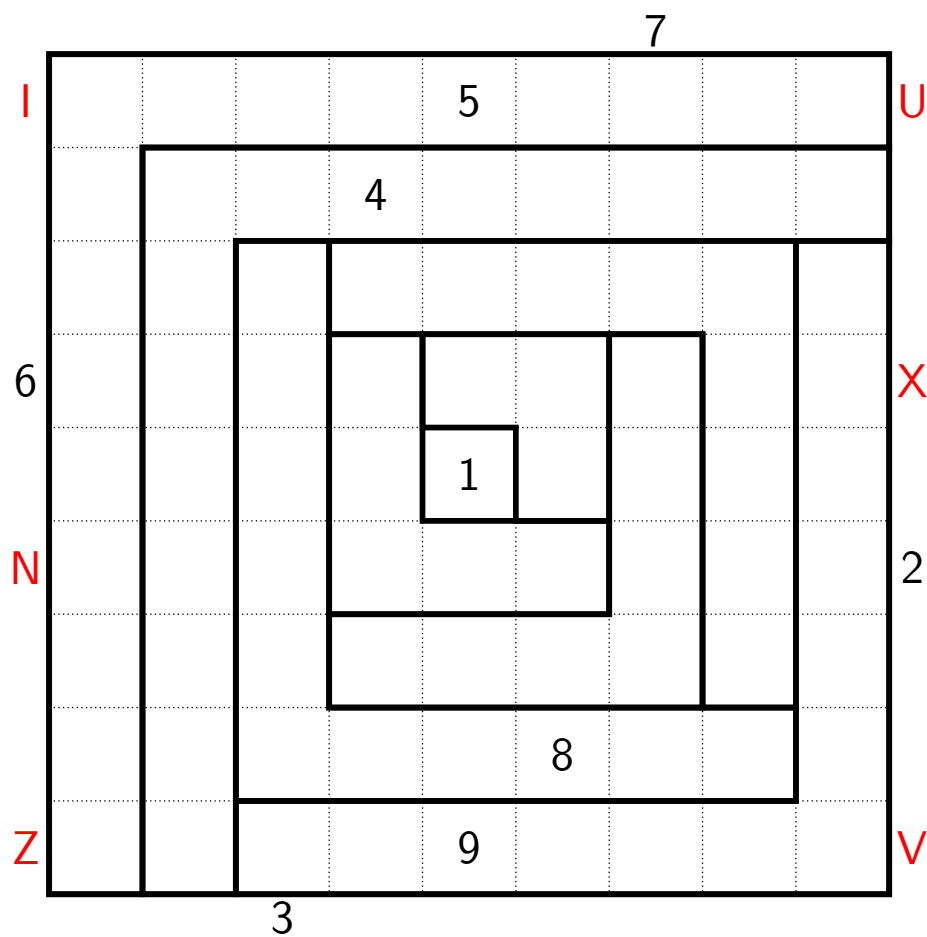
digit(s) 3 cannot be assigned to any hook



{1:1, 2:[3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

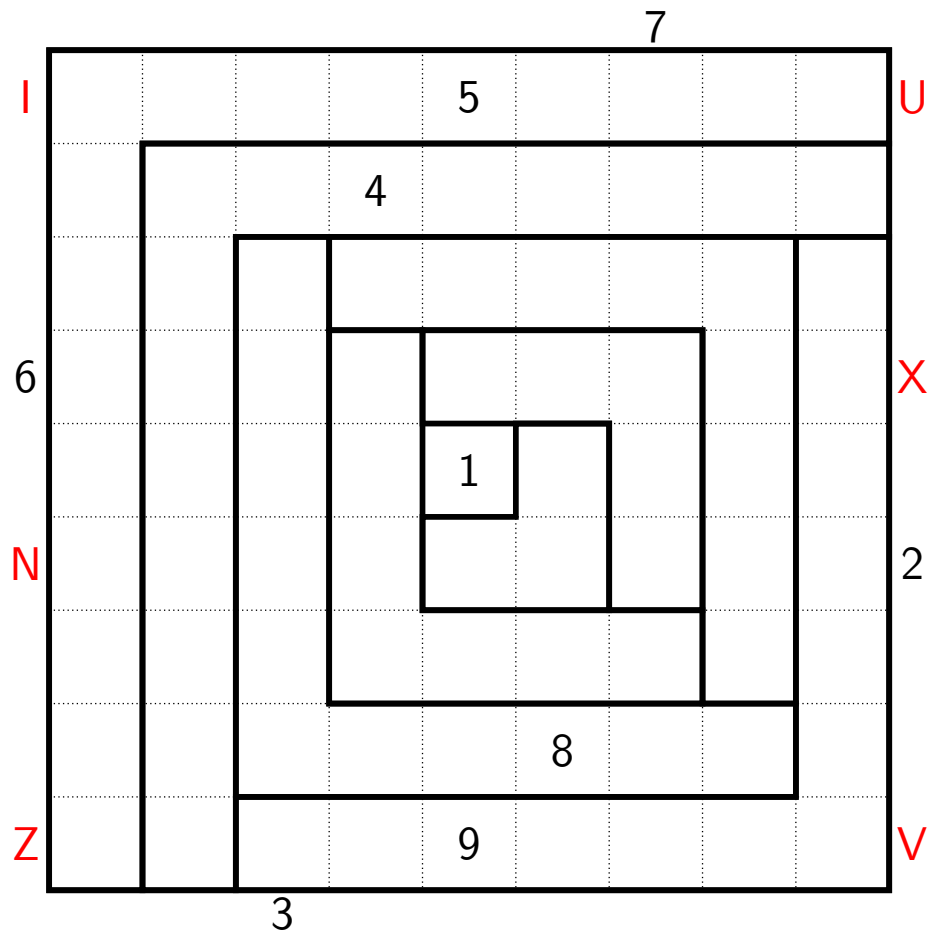
digit(s) 3 cannot be assigned to any hook





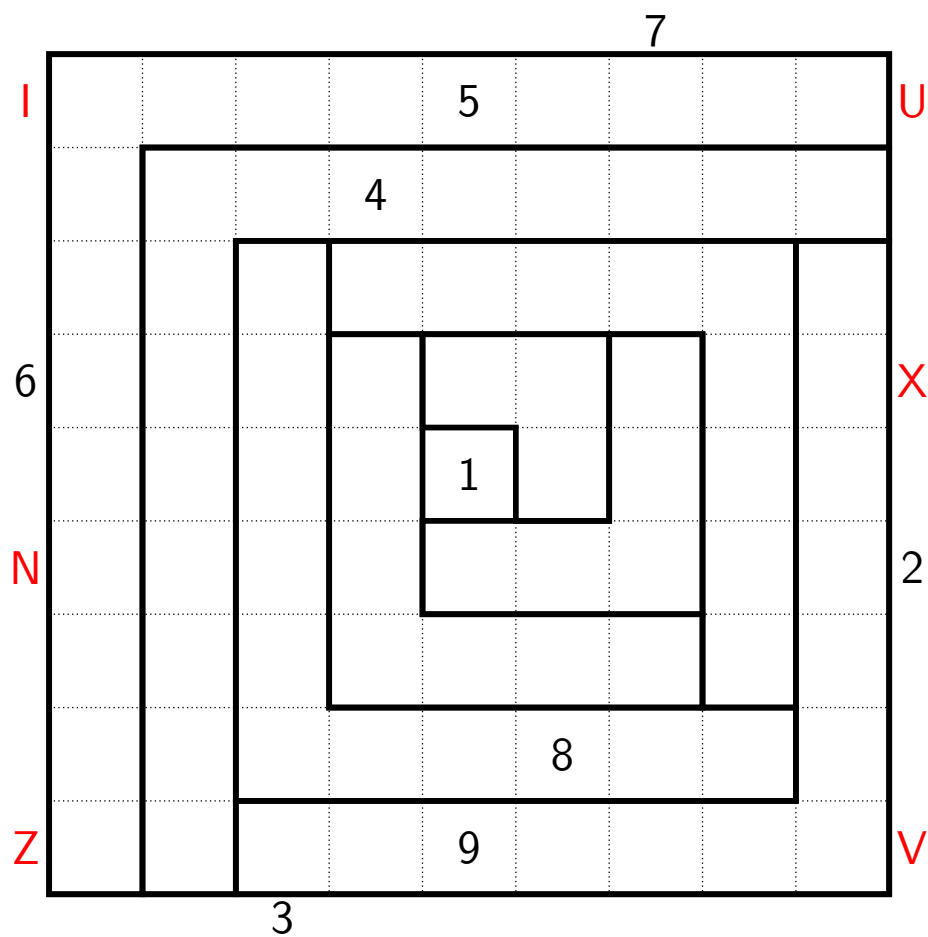
{1:1, 2:[3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

digit(s) 3 cannot be assigned to any hook



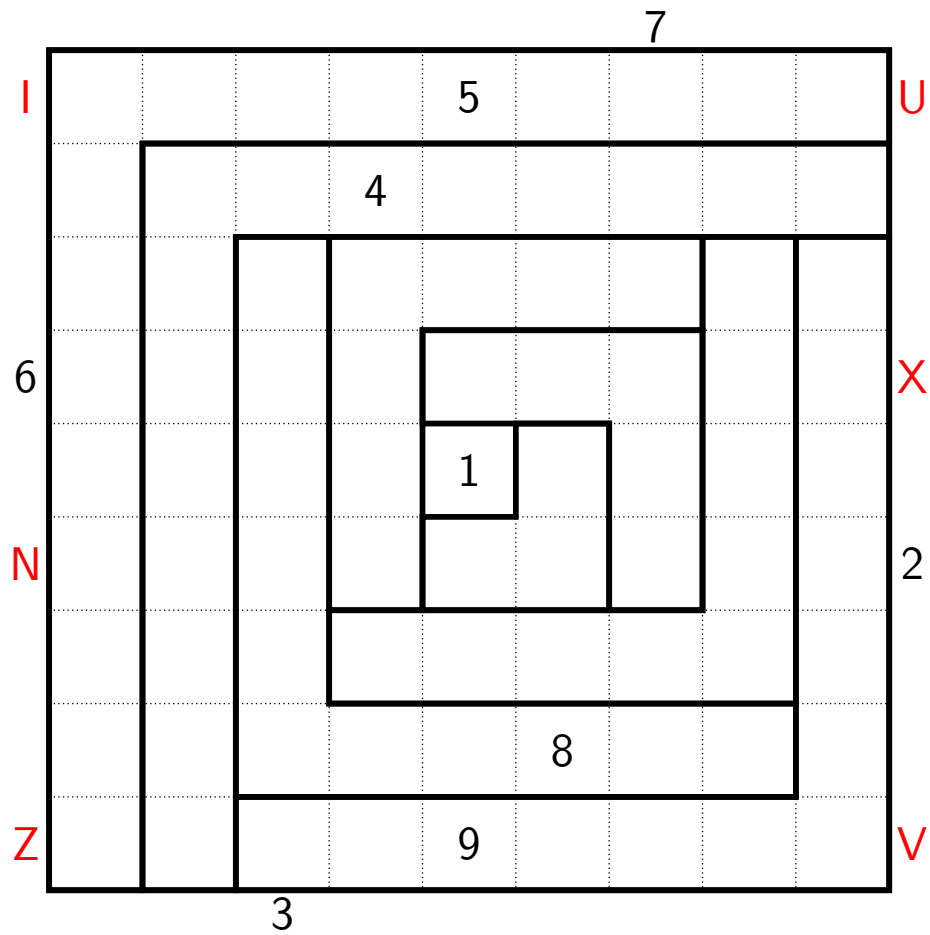
{1:1, 2:[2, 3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

digit(s) 3 cannot be assigned to any hook



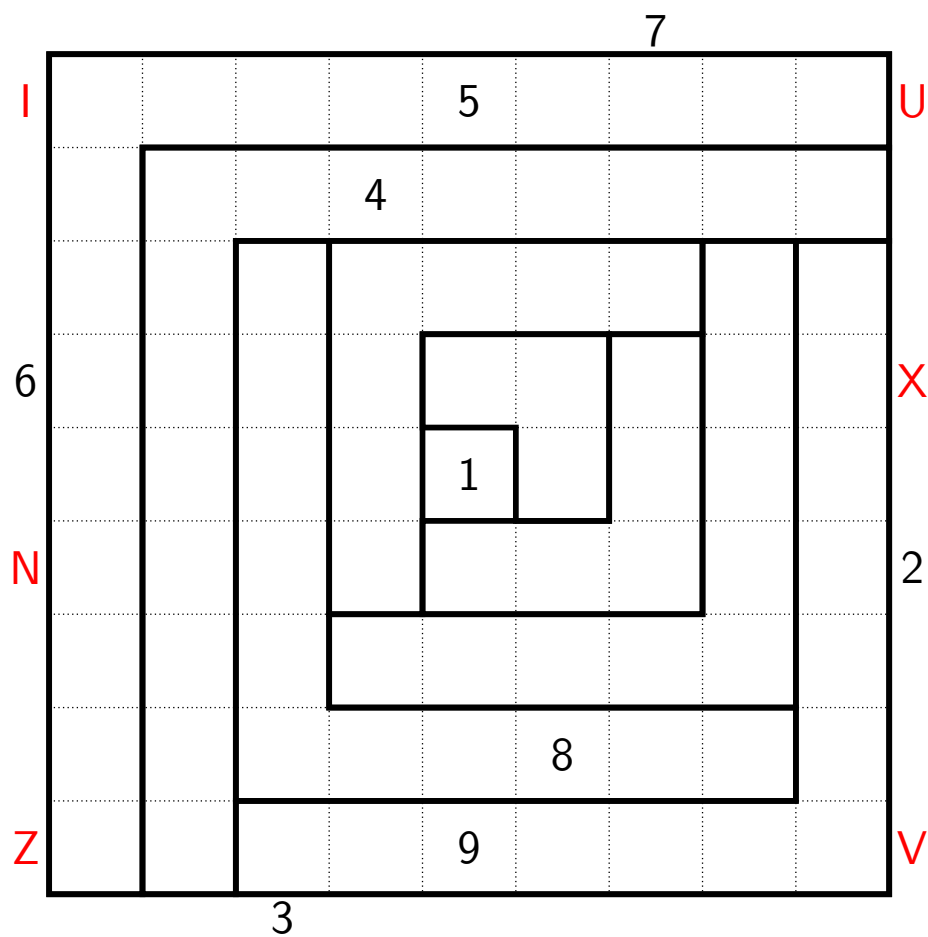
{1:1, 2:[3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

digit(s) 3 cannot be assigned to any hook



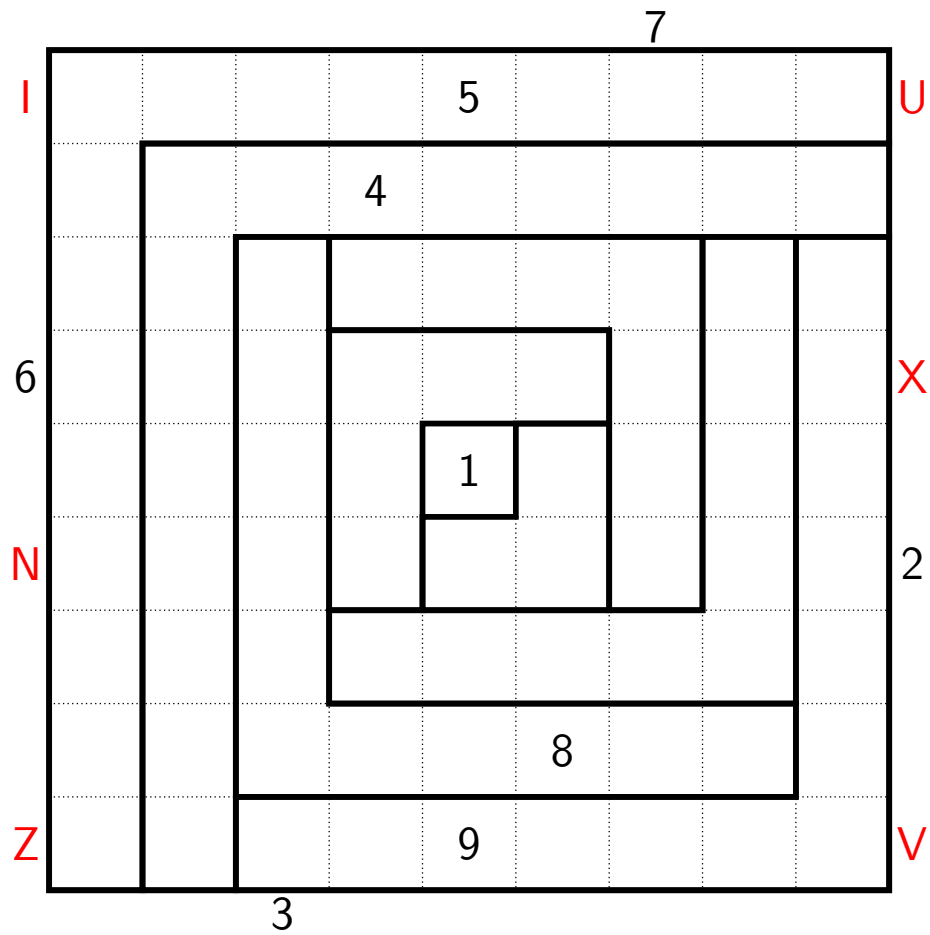
{1:1, 2:[2, 3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

digit(s) 3 cannot be assigned to any hook



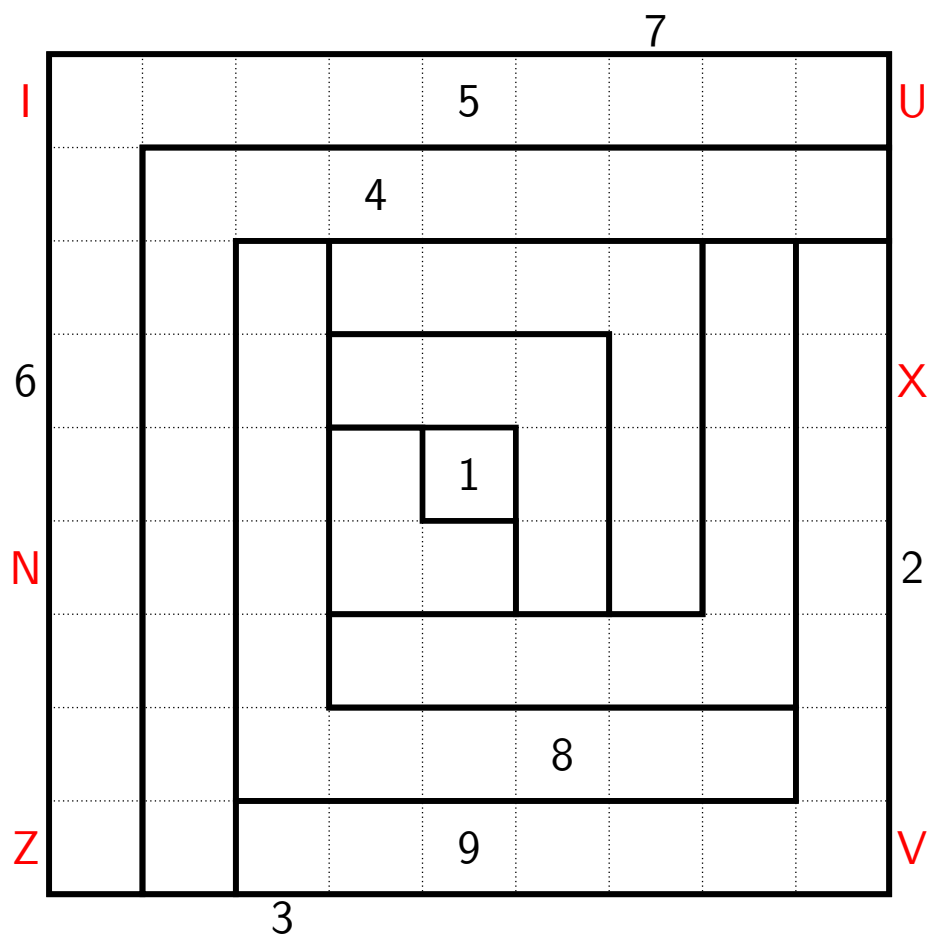
{1:1, 2:[3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

digit(s) 3 cannot be assigned to any hook



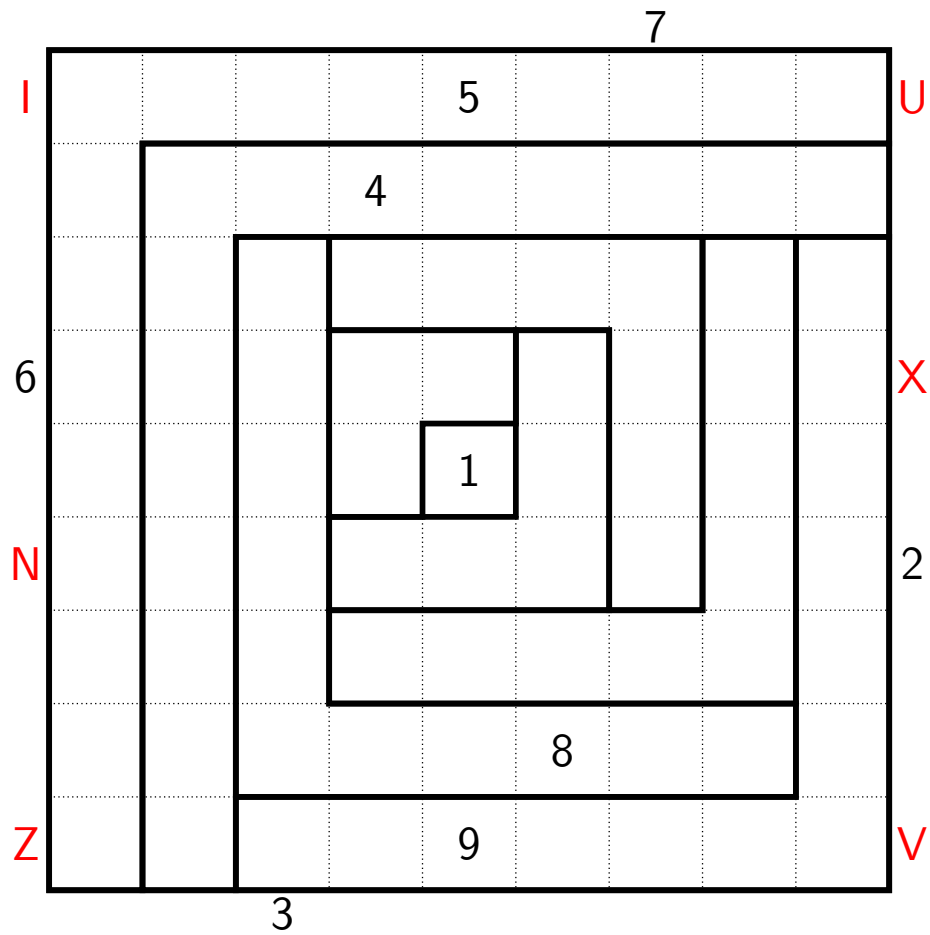
{1:1, 2:[2, 3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

digit(s) 3 cannot be assigned to any hook



{1:1, 2:[2, 3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

digit(s) 3 cannot be assigned to any hook

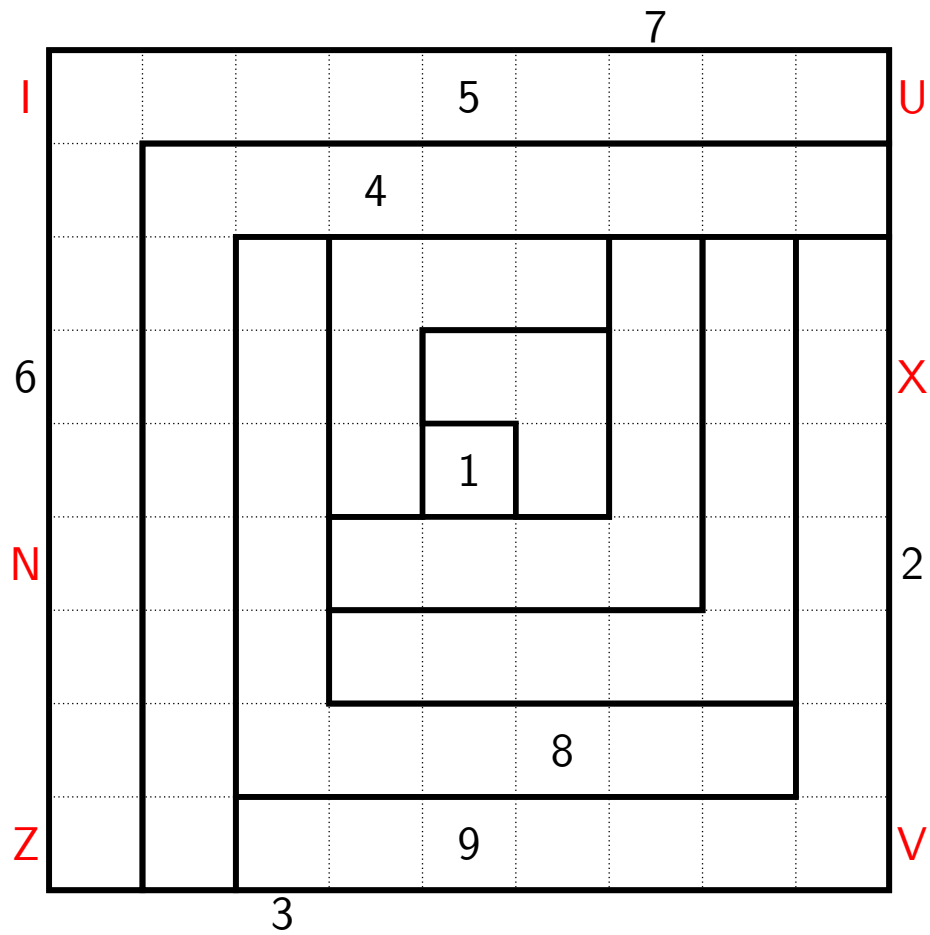


{1:1, 2:[3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

digit(s) 3 cannot be assigned to any hook

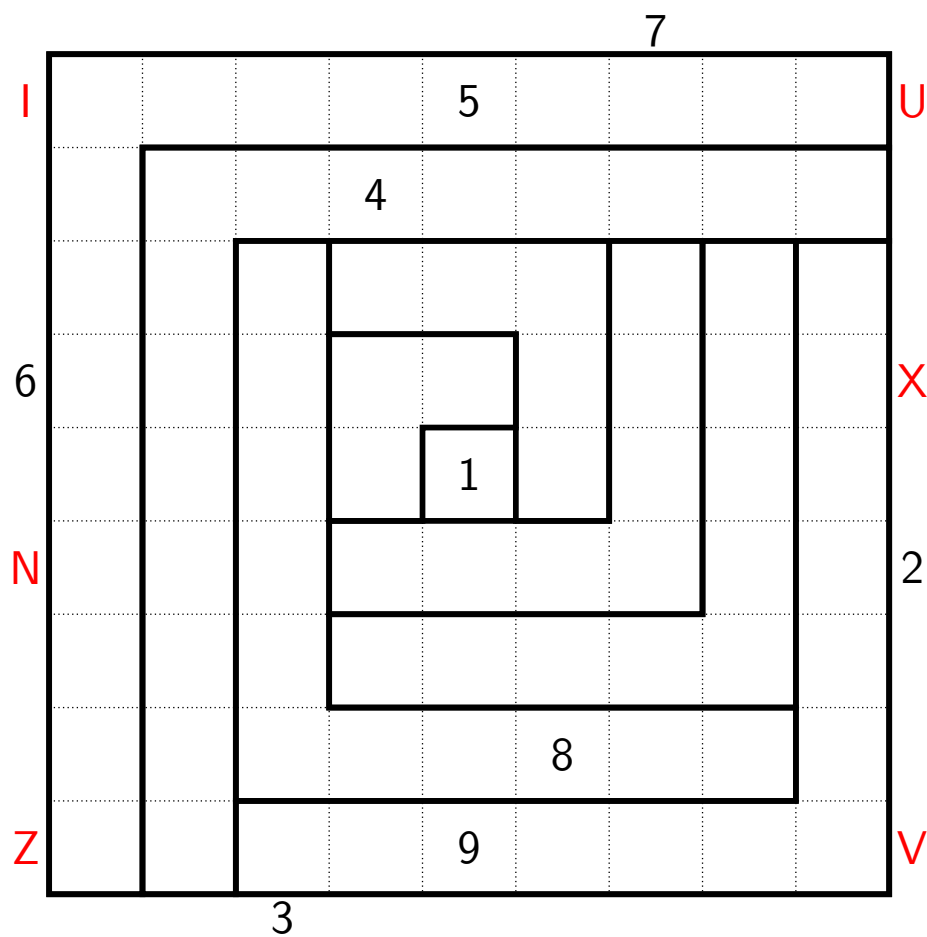


digit(s) 3 cannot be assigned to any hook



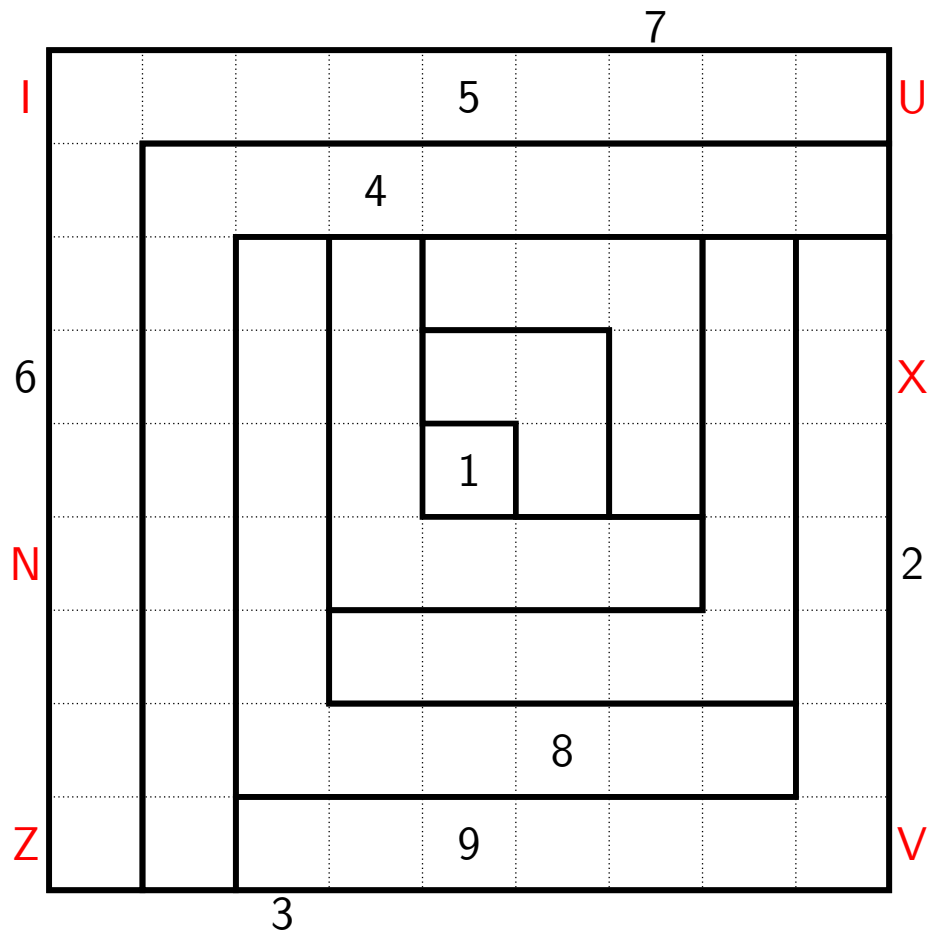
{1:1, 2:[4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

there are more uncertain digits (2,6,7) than available hooks (4,5)



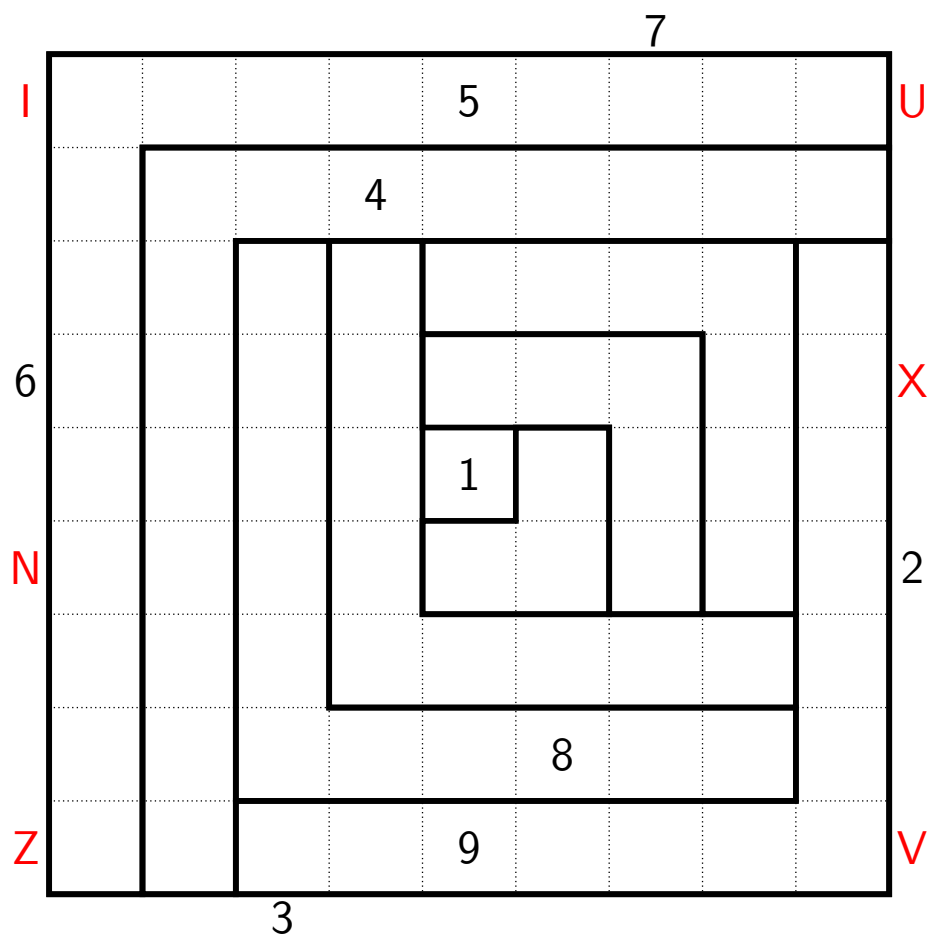
{1:1, 2:[4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

there are more uncertain digits (2,6,7) than available hooks (4,5)



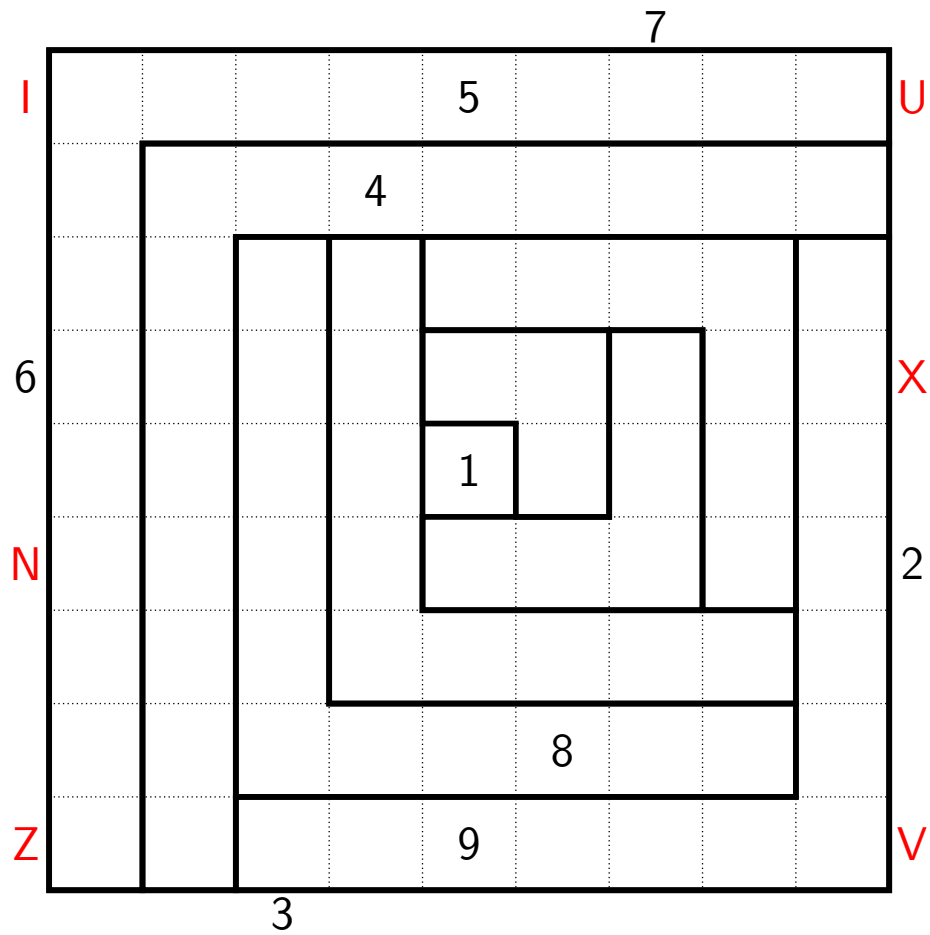
{1:1, 2:[4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

there are more uncertain digits (2,6,7) than available hooks (4,5)



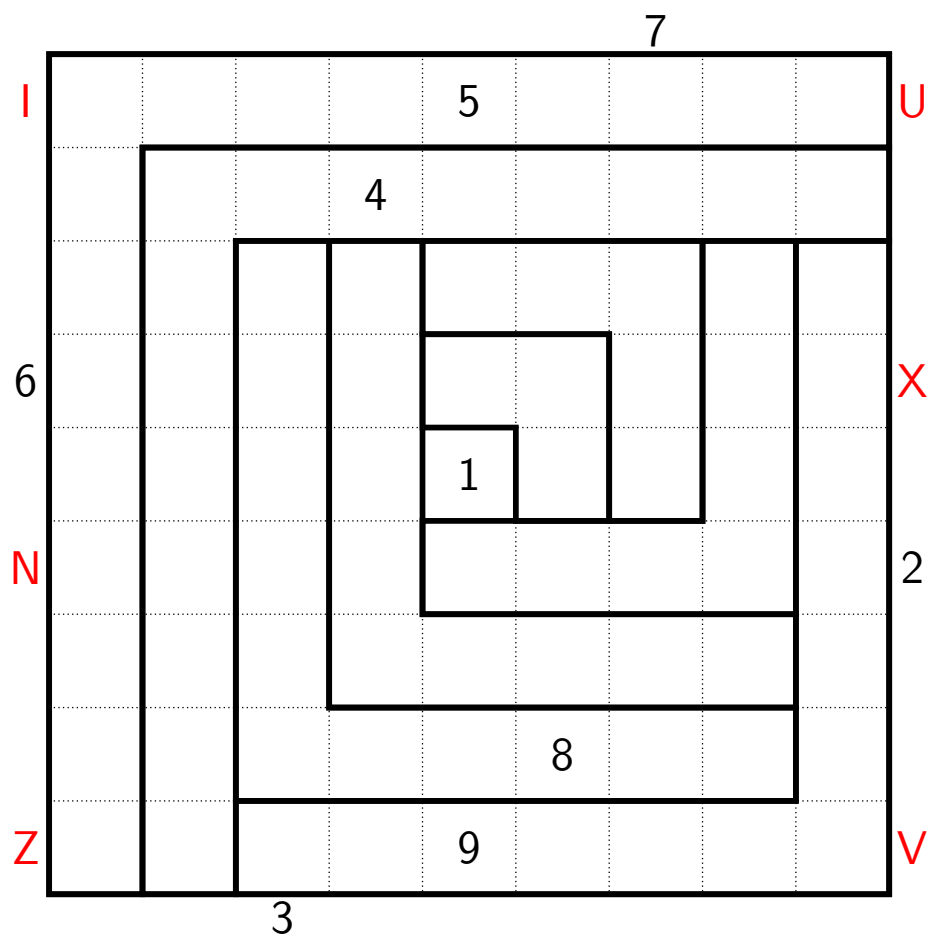
{1:1, 2:[2, 3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

digit(s) 3 cannot be assigned to any hook



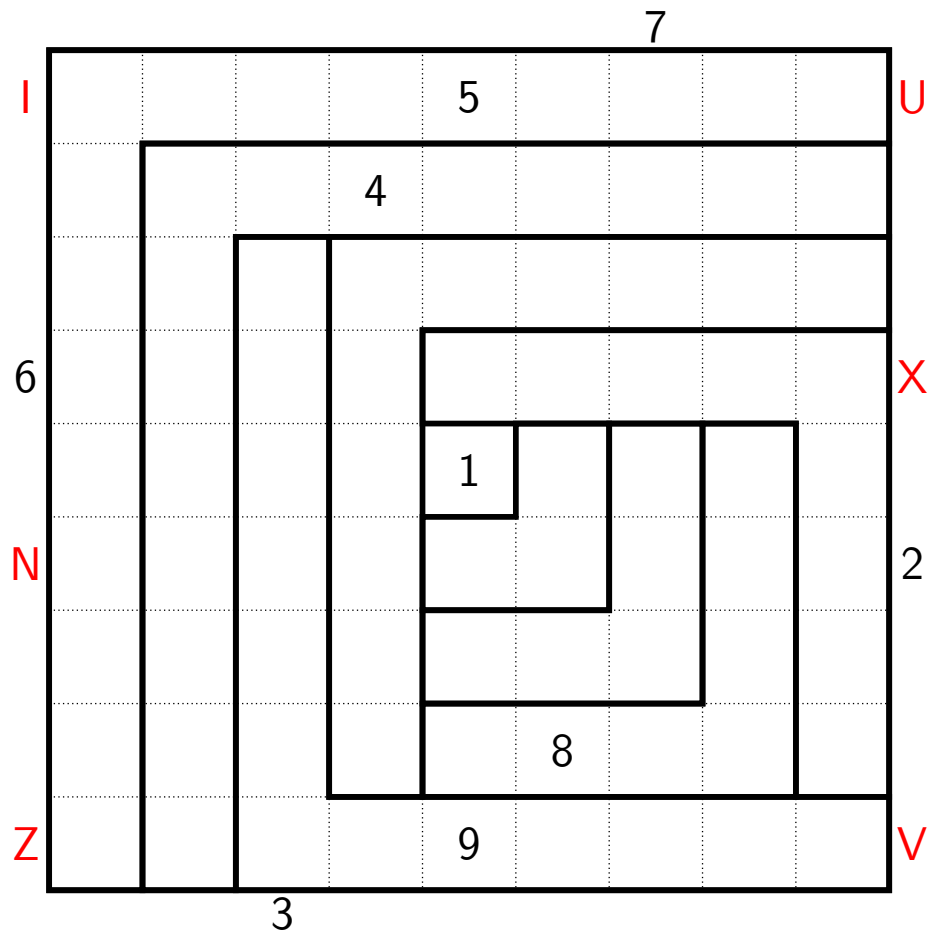
{1:1, 2:[3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

digit(s) 3 cannot be assigned to any hook



{1:1, 2:[4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

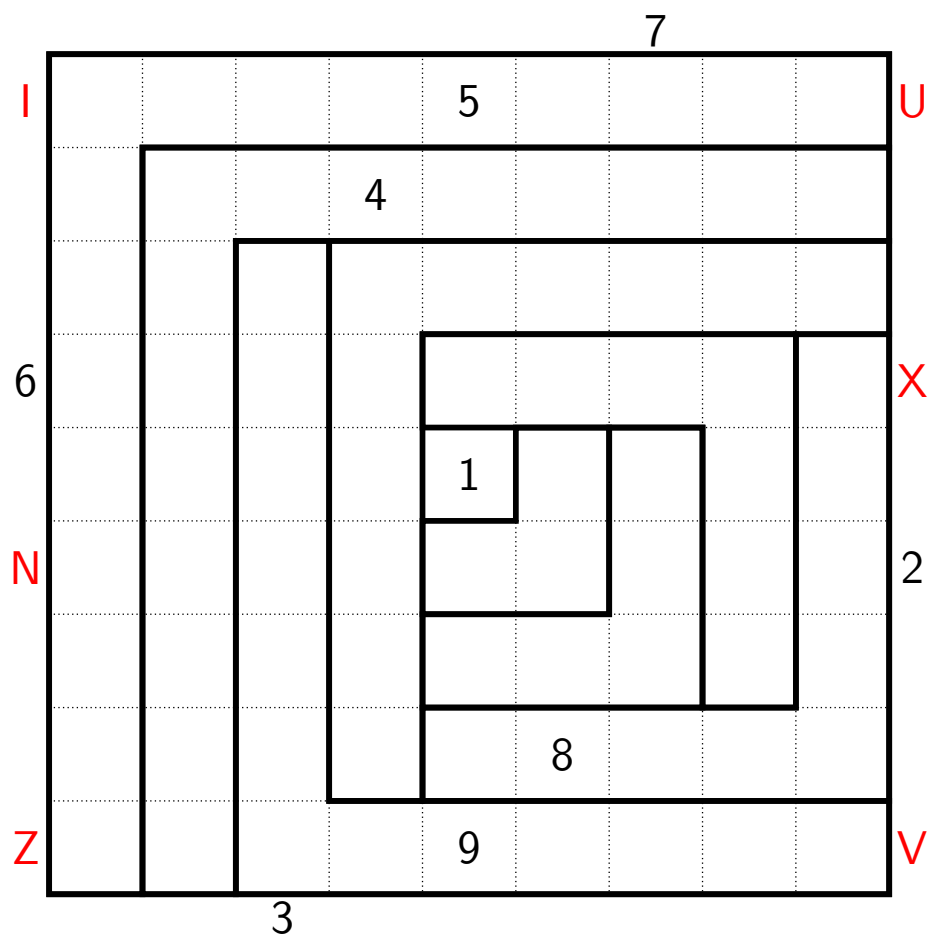
there are more uncertain digits (2,6,7) than available hooks (4,5)



{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:7}

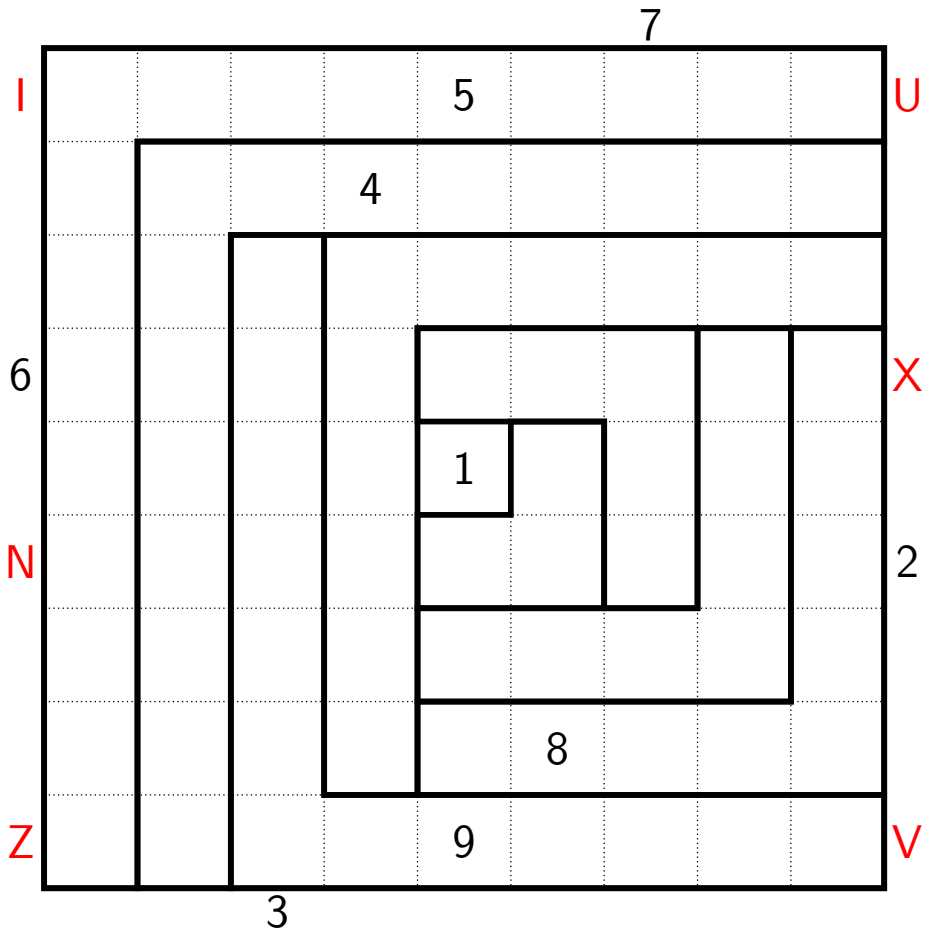
hook 4 is too small for digit 8





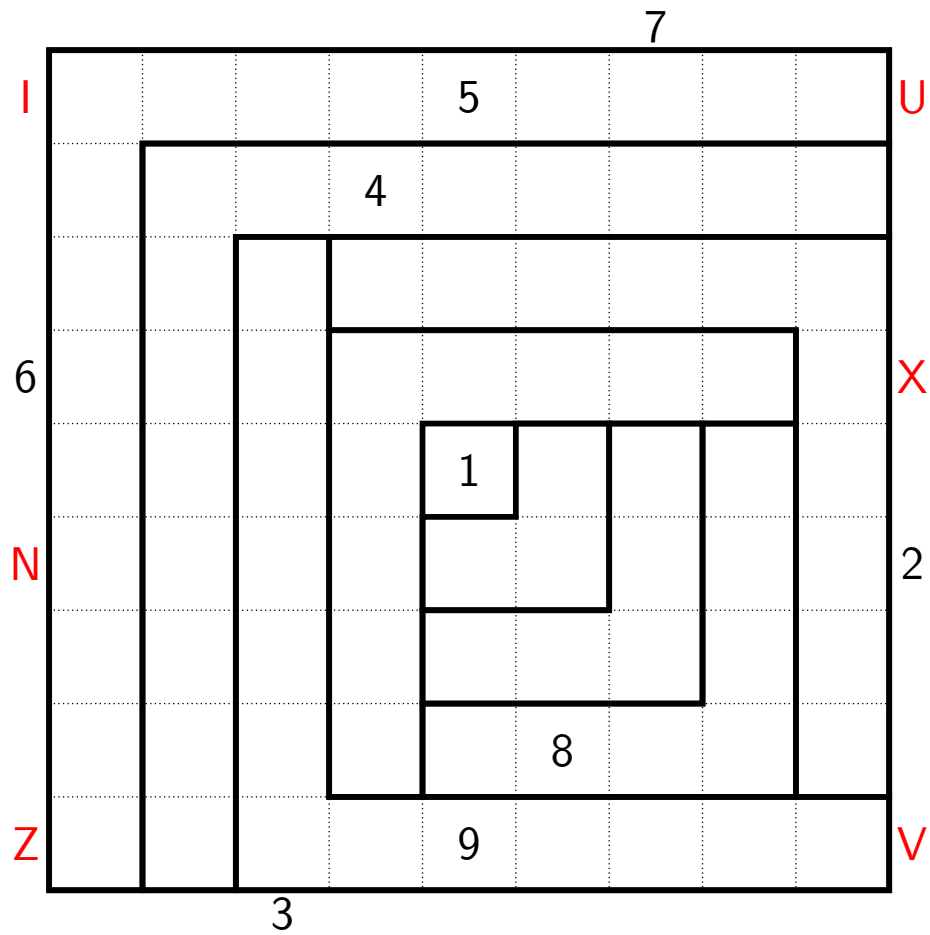
{1:1, 2:[2, 3, 4, 6], 3:[], 4:8, 5:9, 6:[4, 6], 7:[4, 6], 8:5, 9:7}

digit(s) 3 cannot be assigned to any hook


$$\{1:1, 2:[2, 3, 4, 6], 3:[], 4:8, 5:9, 6:[4, 6], 7:[4, 6], 8:5, 9:7\}$$

digit(s) 3 cannot be assigned to any hook

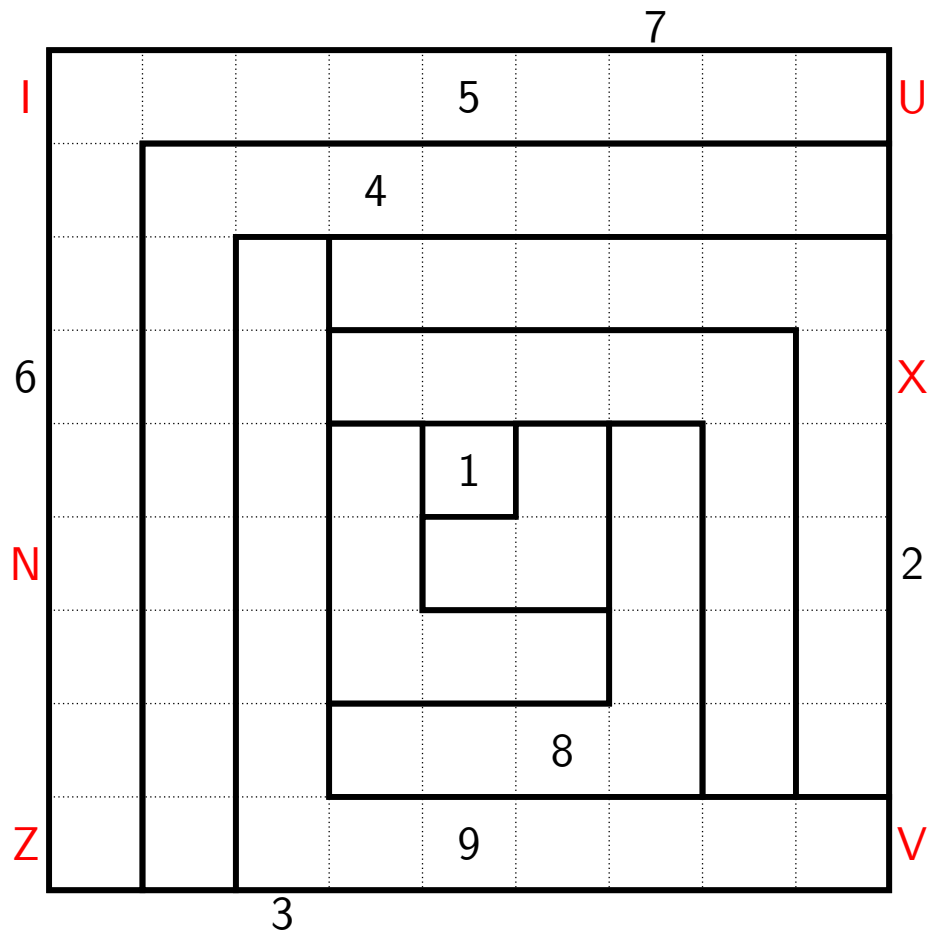
```
digit(s) 3 cannot be assigned to any hook
```



{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:7}

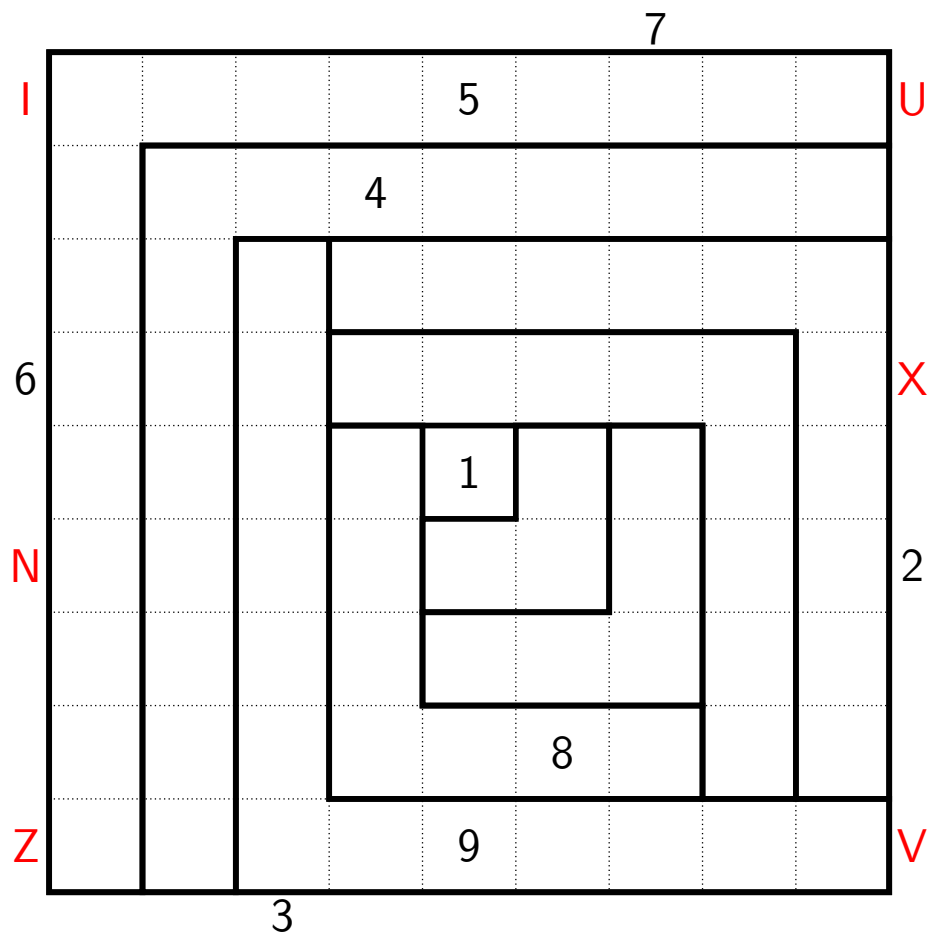
hook 4 is too small for digit 8





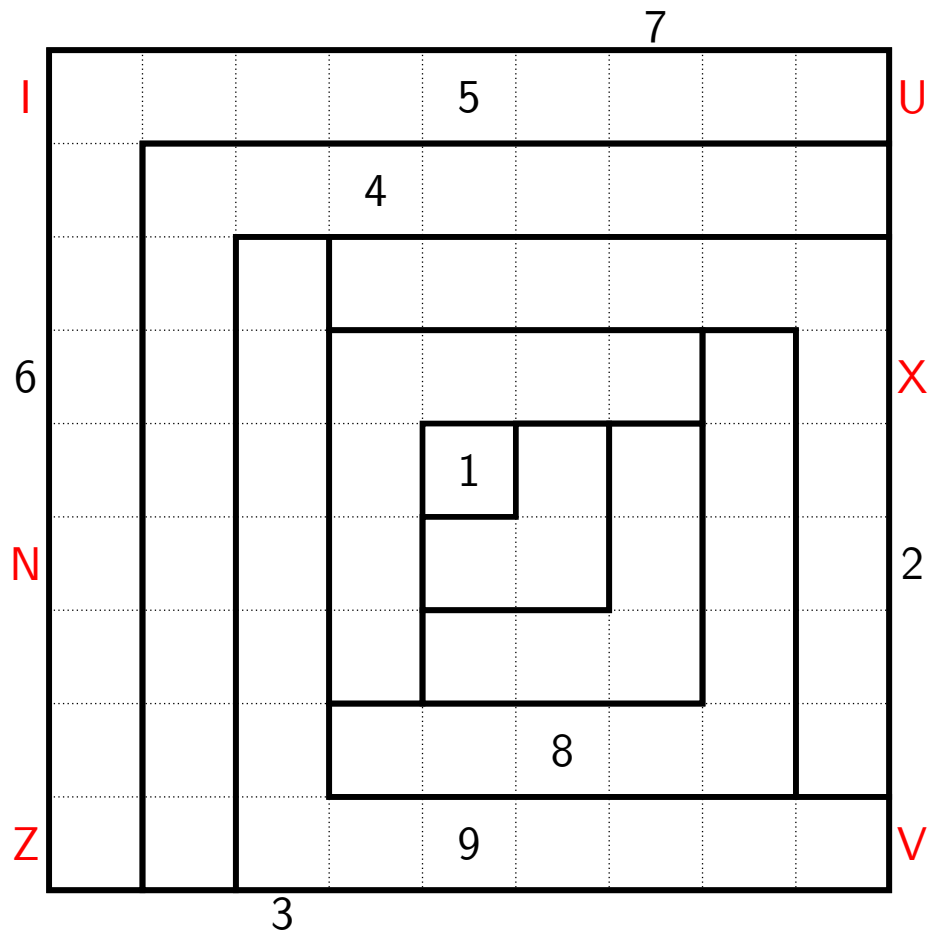
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:7}

hook 4 is too small for digit 8



{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:7}

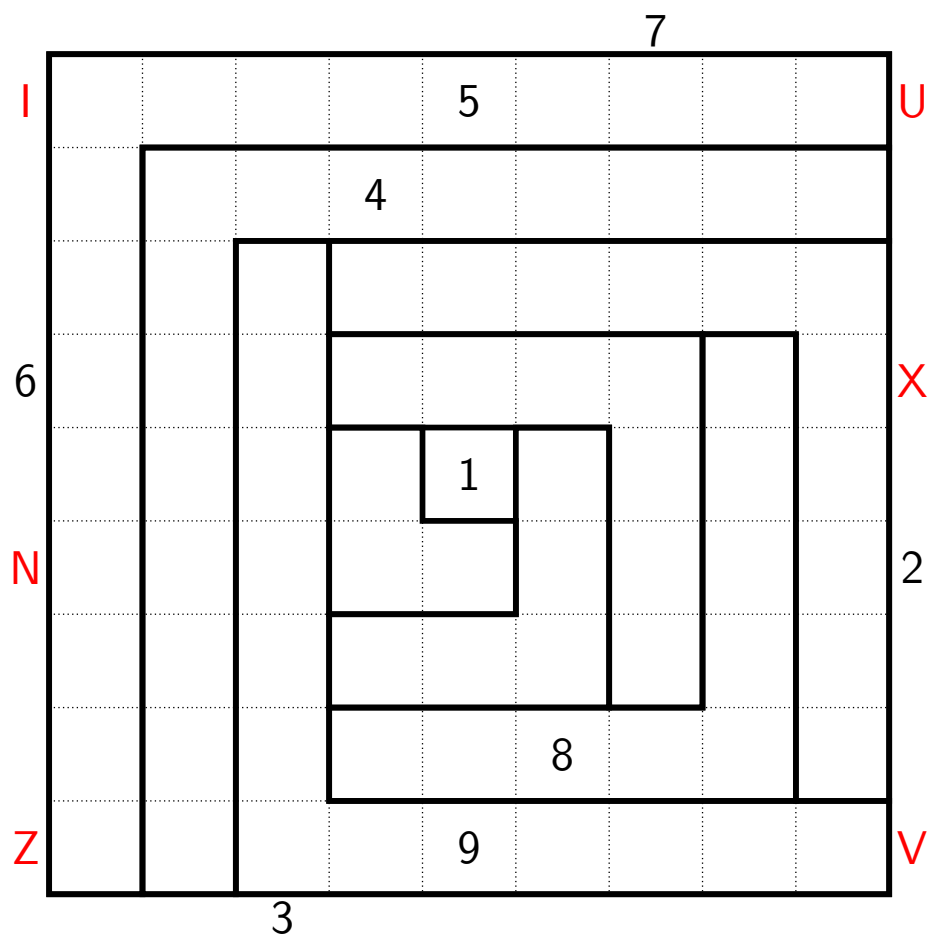
hook 4 is too small for digit 8



{1:1, 2:[2, 3, 4, 6], 3:[], 4:8, 5:9, 6:[4, 6], 7:[4, 6], 8:5, 9:7}

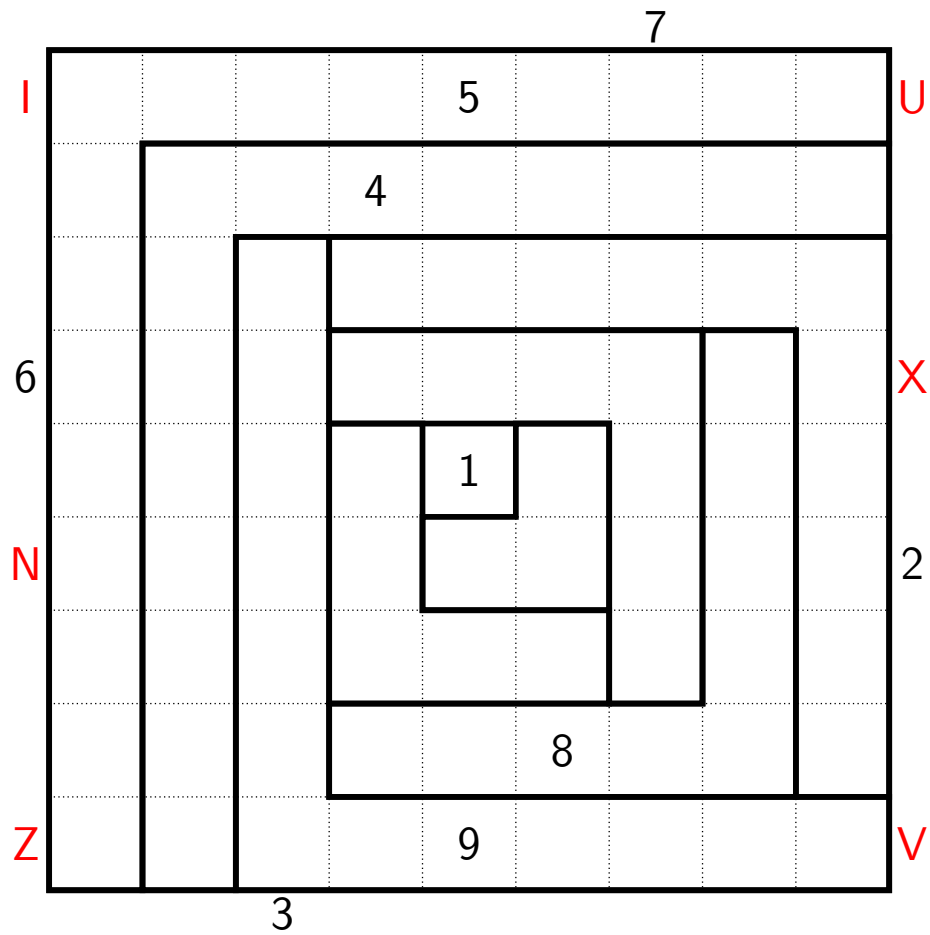
digit(s) 3 cannot be assigned to any hook





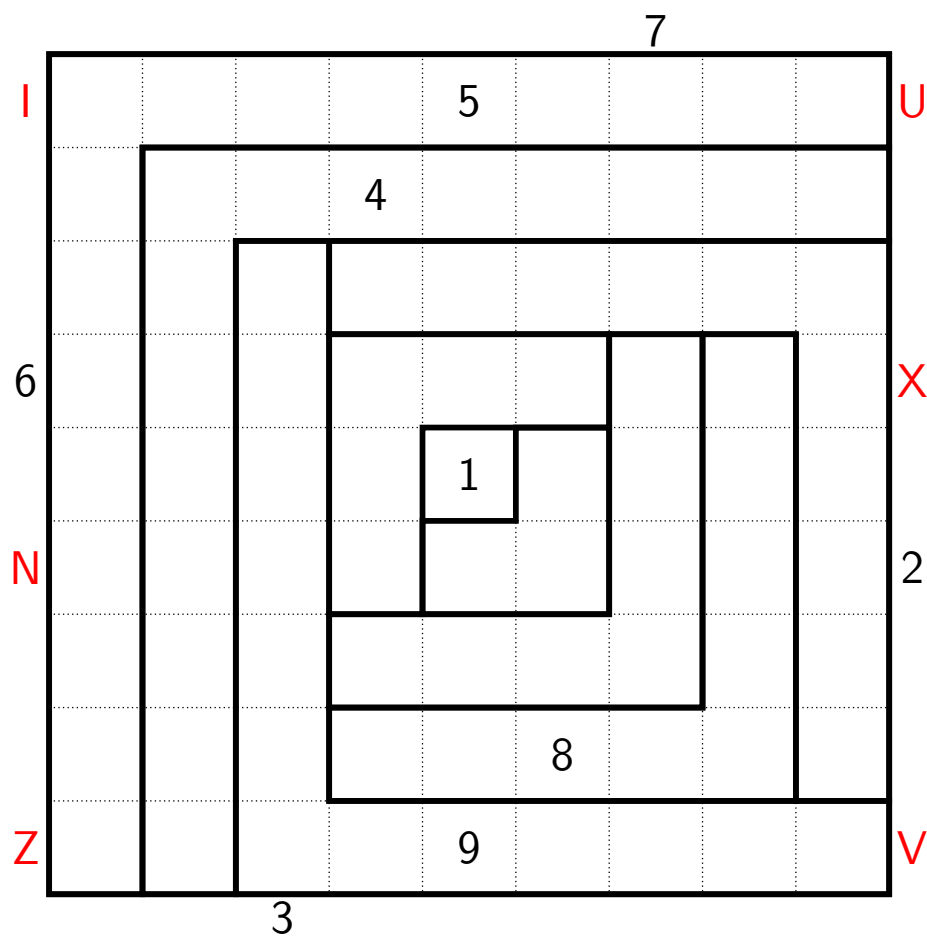
{1:1, 2:[2, 3, 4, 6], 3:[], 4:8, 5:9, 6:[4, 6], 7:[4, 6], 8:5, 9:7}

digit(s) 3 cannot be assigned to any hook



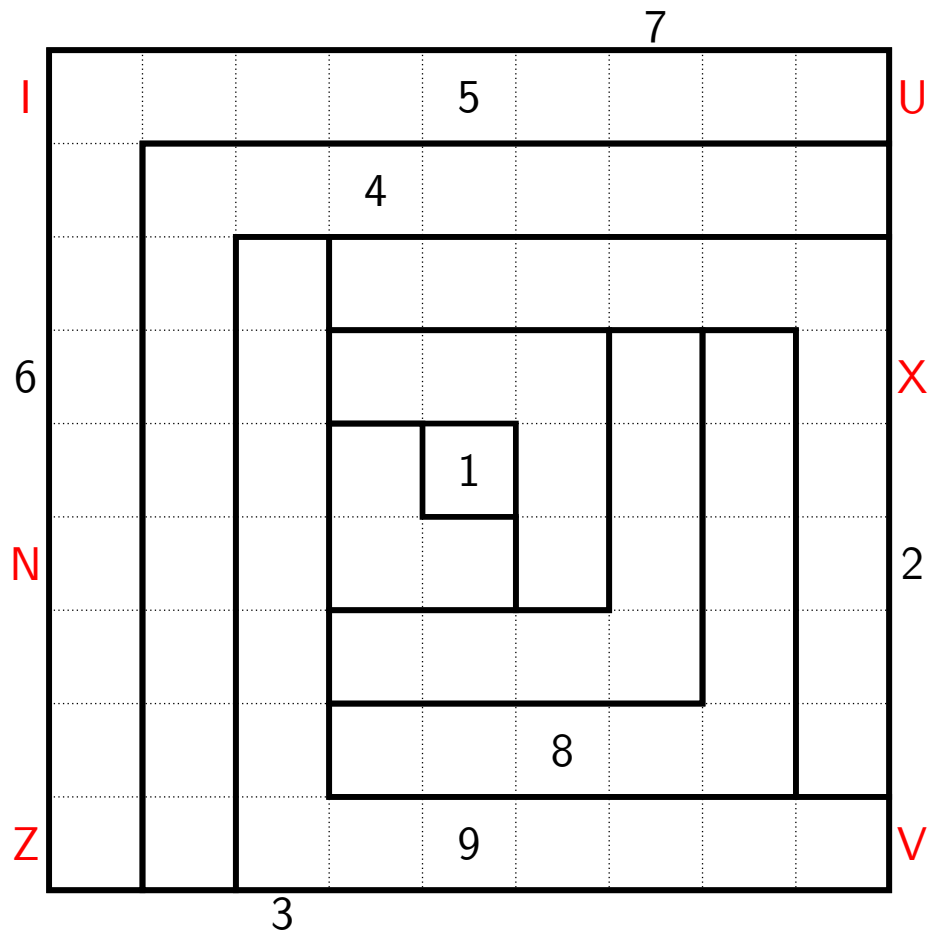
{1:1, 2:[2, 3, 4, 6], 3:[], 4:8, 5:9, 6:[4, 6], 7:[4, 6], 8:5, 9:7}

digit(s) 3 cannot be assigned to any hook



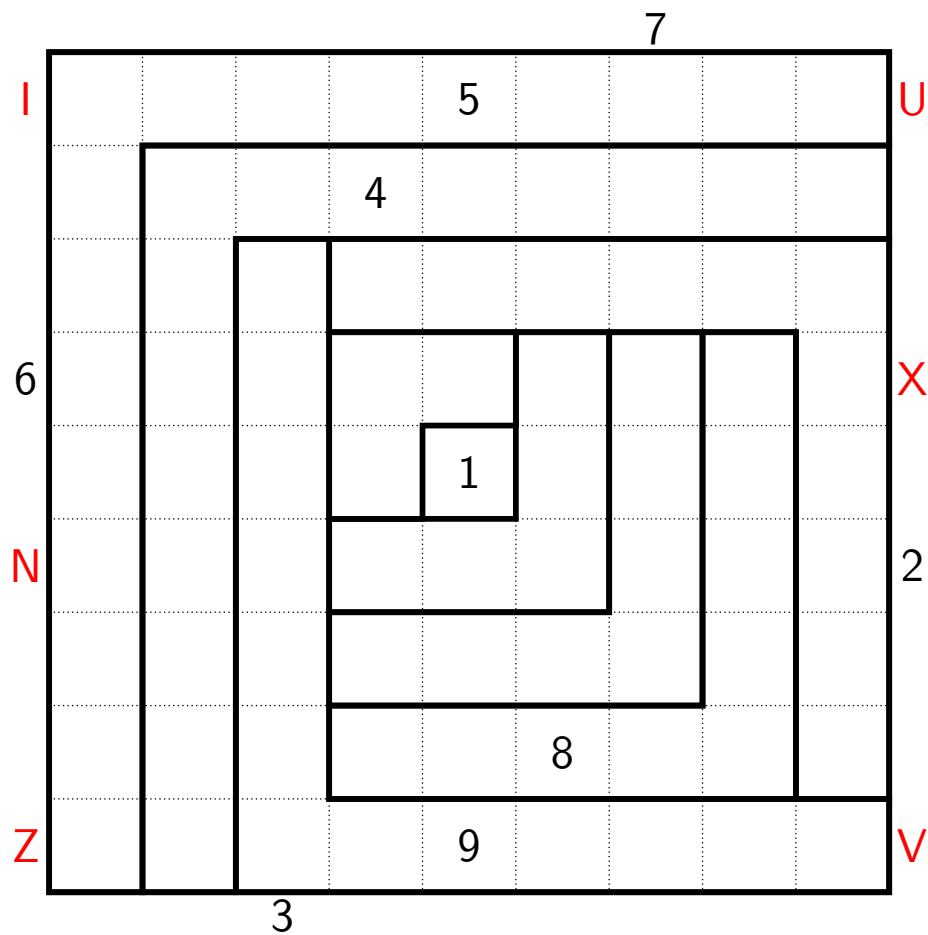
{1:1, 2:[2, 3, 4, 6], 3:[], 4:8, 5:9, 6:[4, 6], 7:[4, 6], 8:5, 9:7}

digit(s) 3 cannot be assigned to any hook



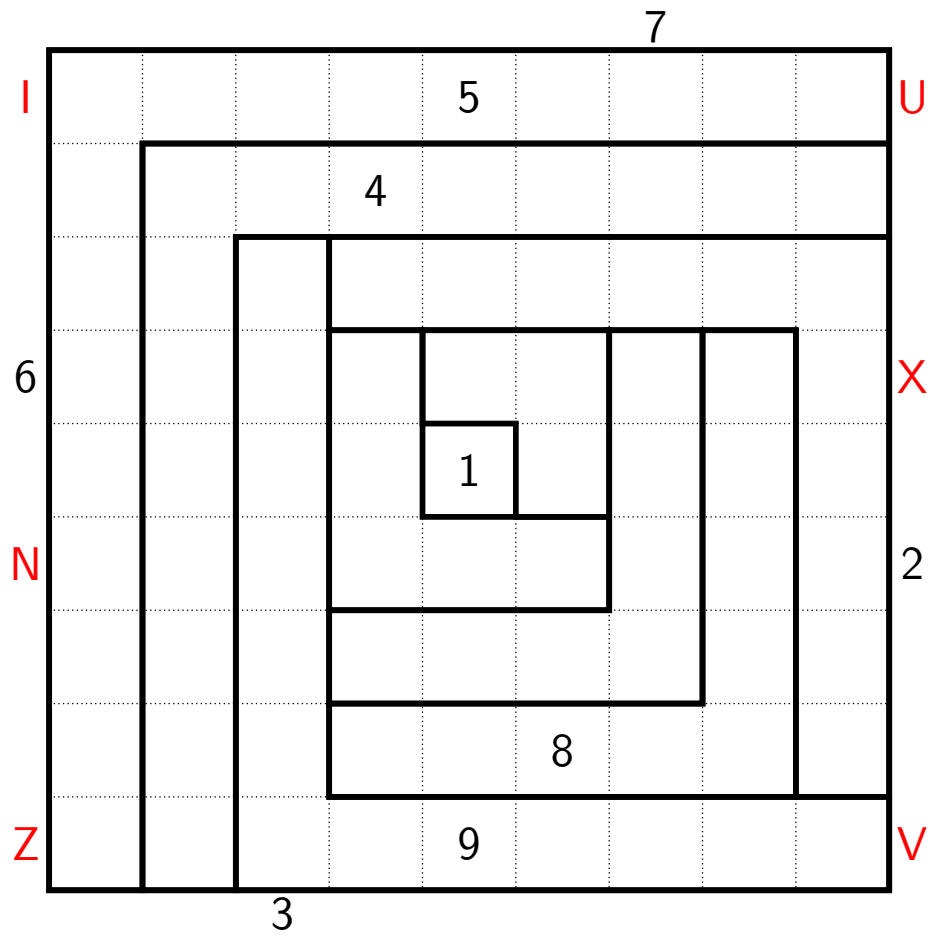
{1:1, 2:[2, 3, 4, 6], 3:[], 4:8, 5:9, 6:[4, 6], 7:[4, 6], 8:5, 9:7}

digit(s) 3 cannot be assigned to any hook



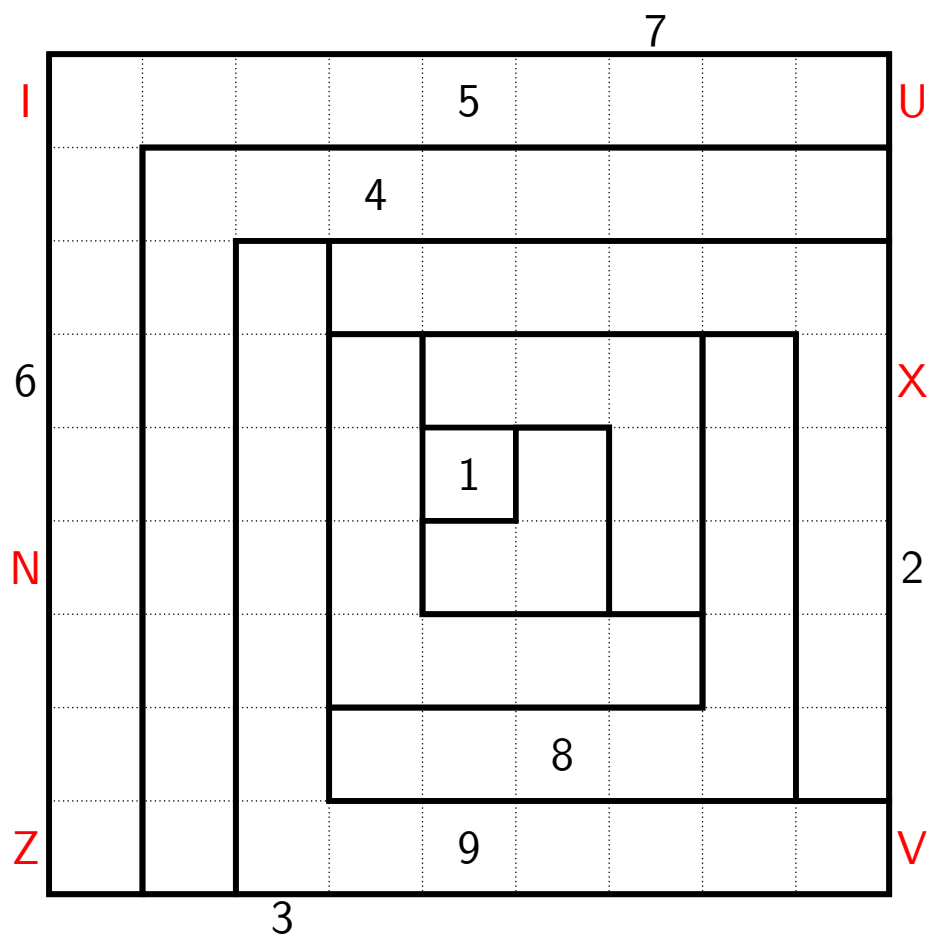
{1:1, 2:[3, 4, 6], 3:[], 4:8, 5:9, 6:[4, 6], 7:[4, 6], 8:5, 9:7}

digit(s) 3 cannot be assigned to any hook



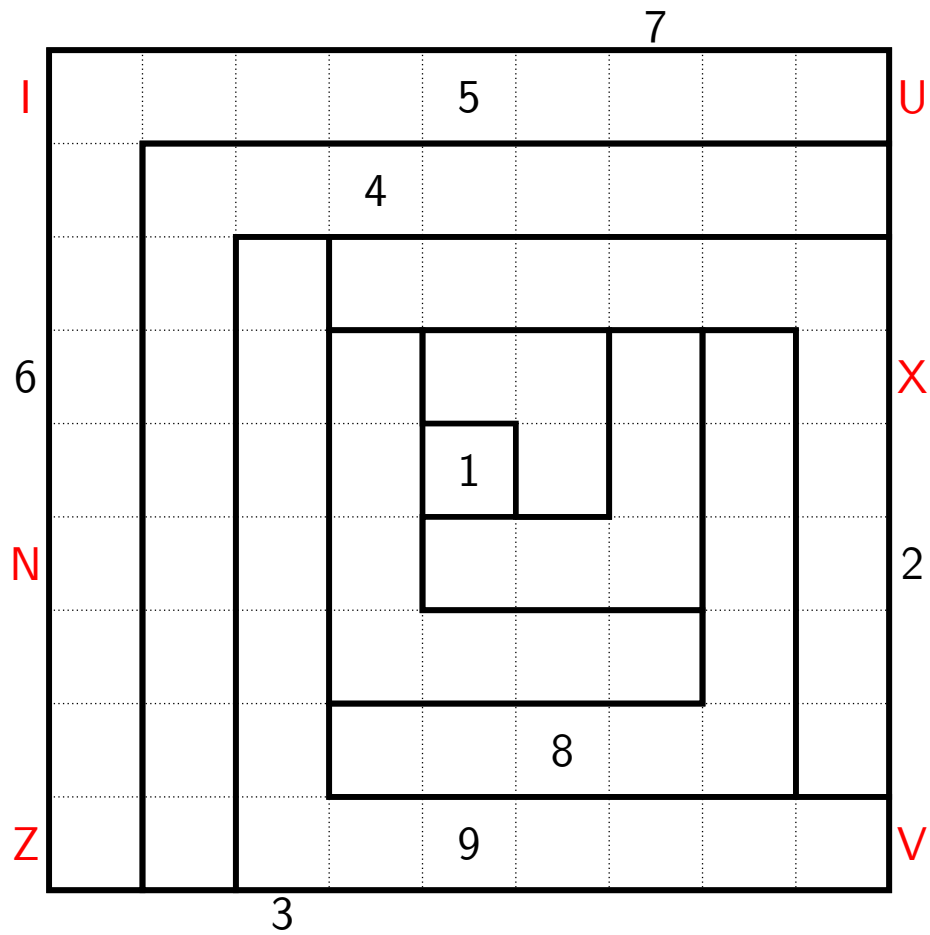
{1:1, 2:[3, 4, 6], 3:[], 4:8, 5:9, 6:[4, 6], 7:[4, 6], 8:5, 9:7}

digit(s) 3 cannot be assigned to any hook



{1:1, 2:[2, 3, 4, 6], 3:[], 4:8, 5:9, 6:[4, 6], 7:[4, 6], 8:5, 9:7}

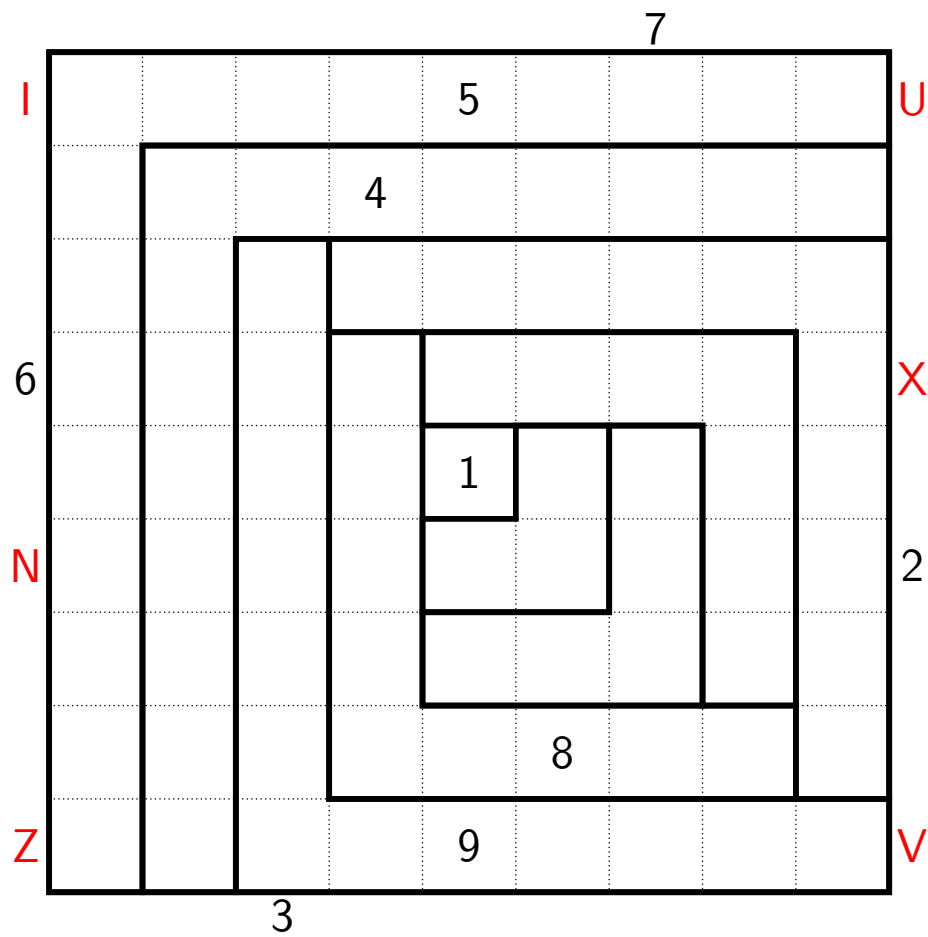
digit(s) 3 cannot be assigned to any hook



{1:1, 2:[3, 4, 6], 3:[], 4:8, 5:9, 6:[4, 6], 7:[4, 6], 8:5, 9:7}

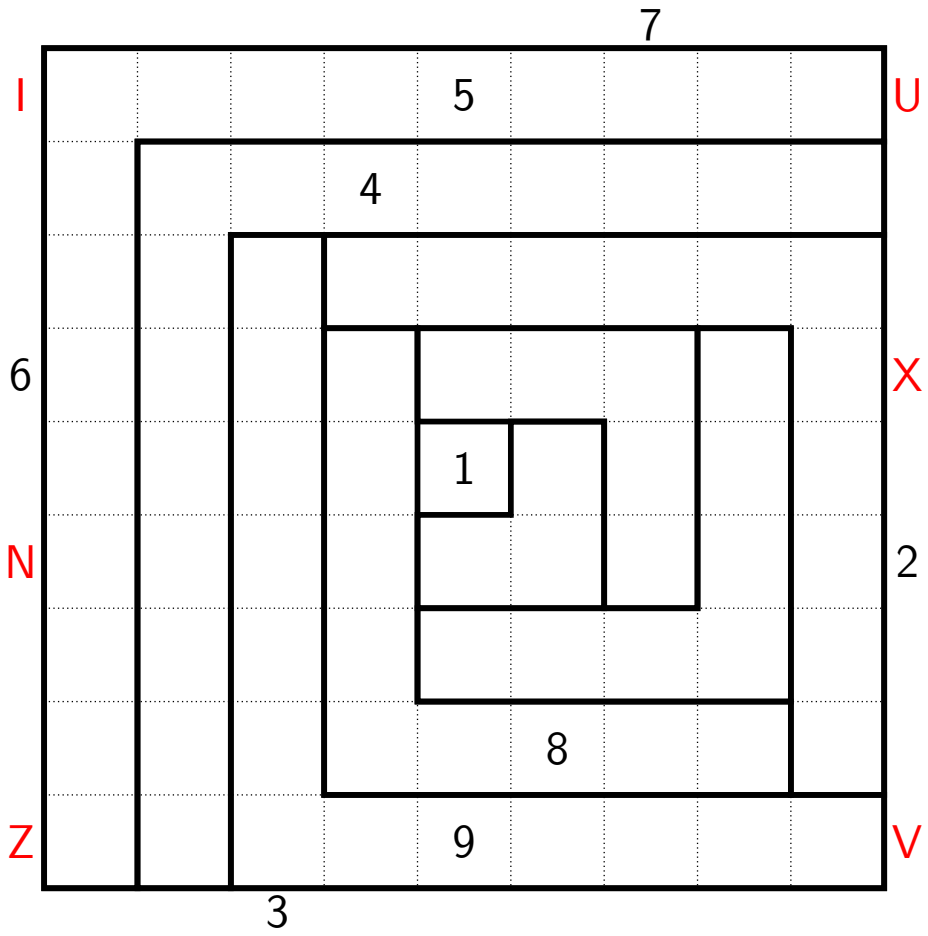
digit(s) 3 cannot be assigned to any hook



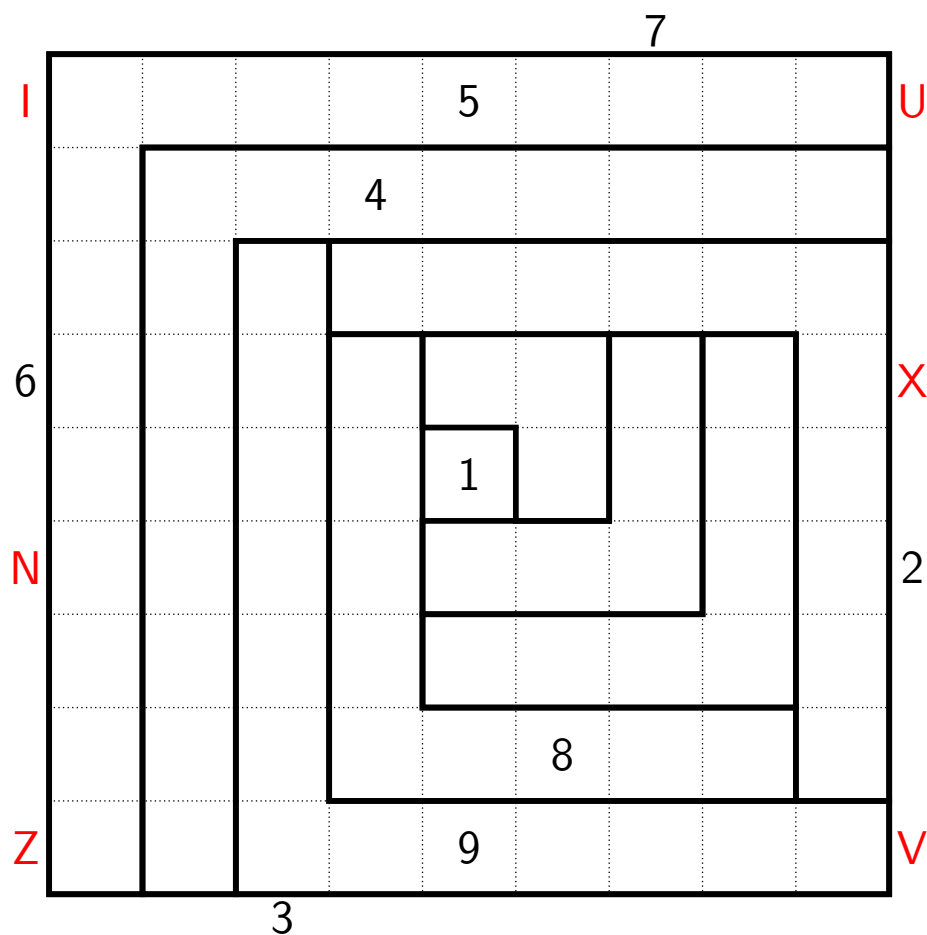


{1:1, 2:[2, 3, 4, 6], 3:[], 4:8, 5:9, 6:[4, 6], 7:[4, 6], 8:5, 9:7}

digit(s) 3 cannot be assigned to any hook

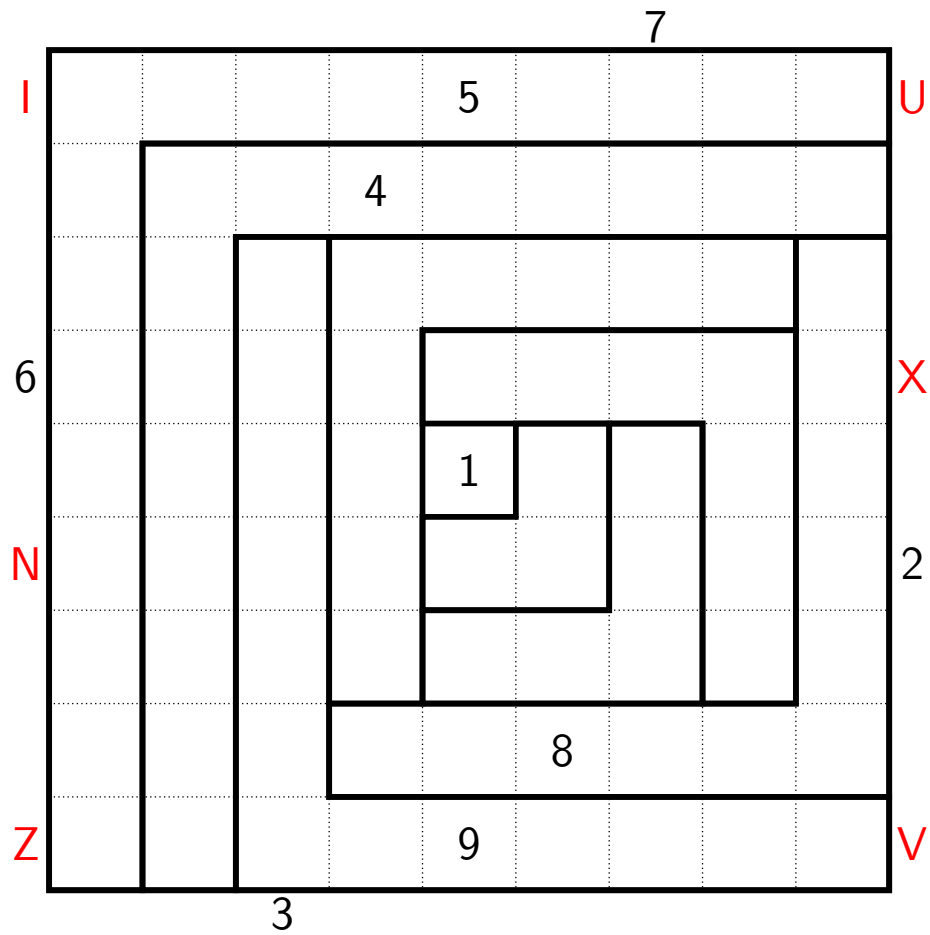

$$\{1:1, 2:[2, 3, 4, 6], 3:[], 4:8, 5:9, 6:[4, 6], 7:[4, 6], 8:5, 9:7\}$$

digit(s) 3 cannot be assigned to any hook



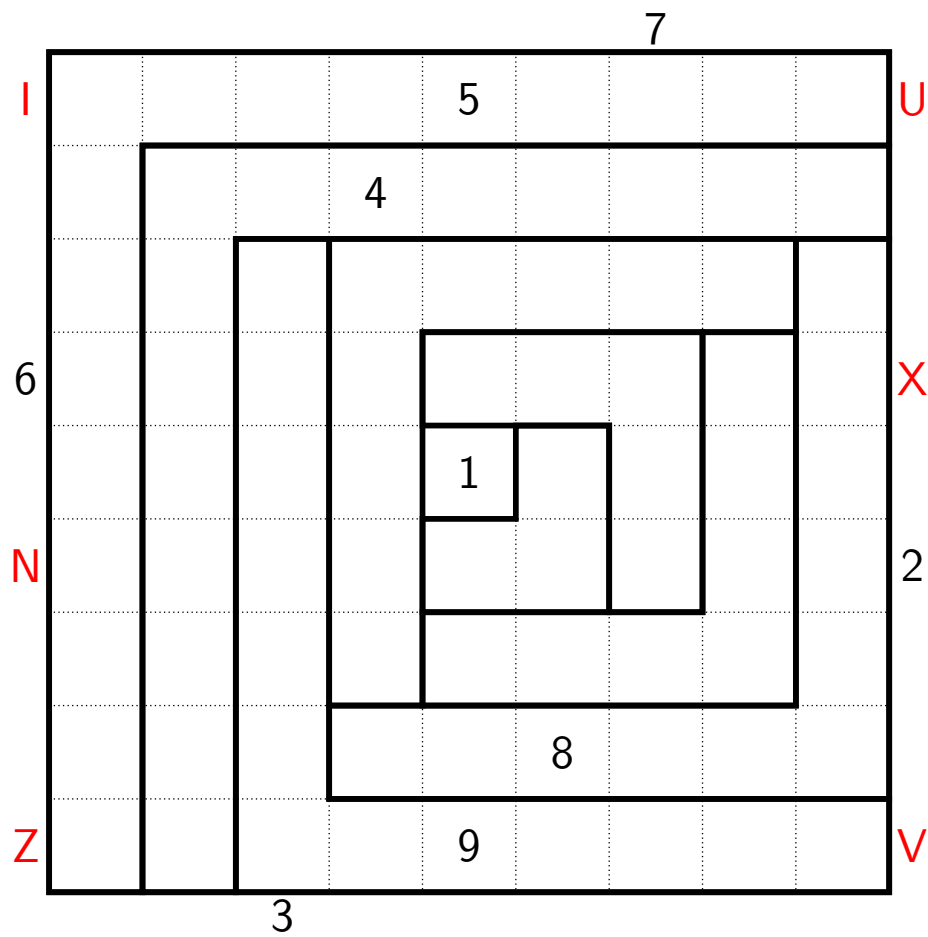
{1:1, 2:[3, 4, 6], 3:[], 4:8, 5:9, 6:[4, 6], 7:[4, 6], 8:5, 9:7}

digit(s) 3 cannot be assigned to any hook



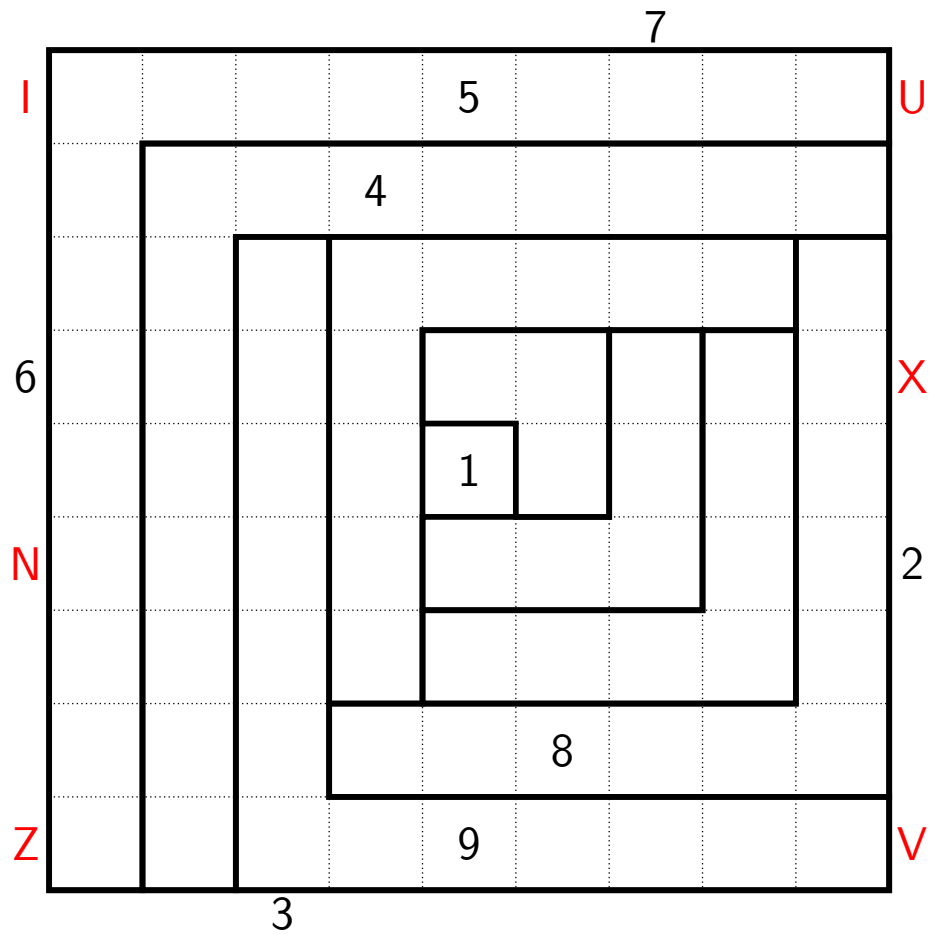
{1:1, 2:[2, 3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

digit(s) 3 cannot be assigned to any hook



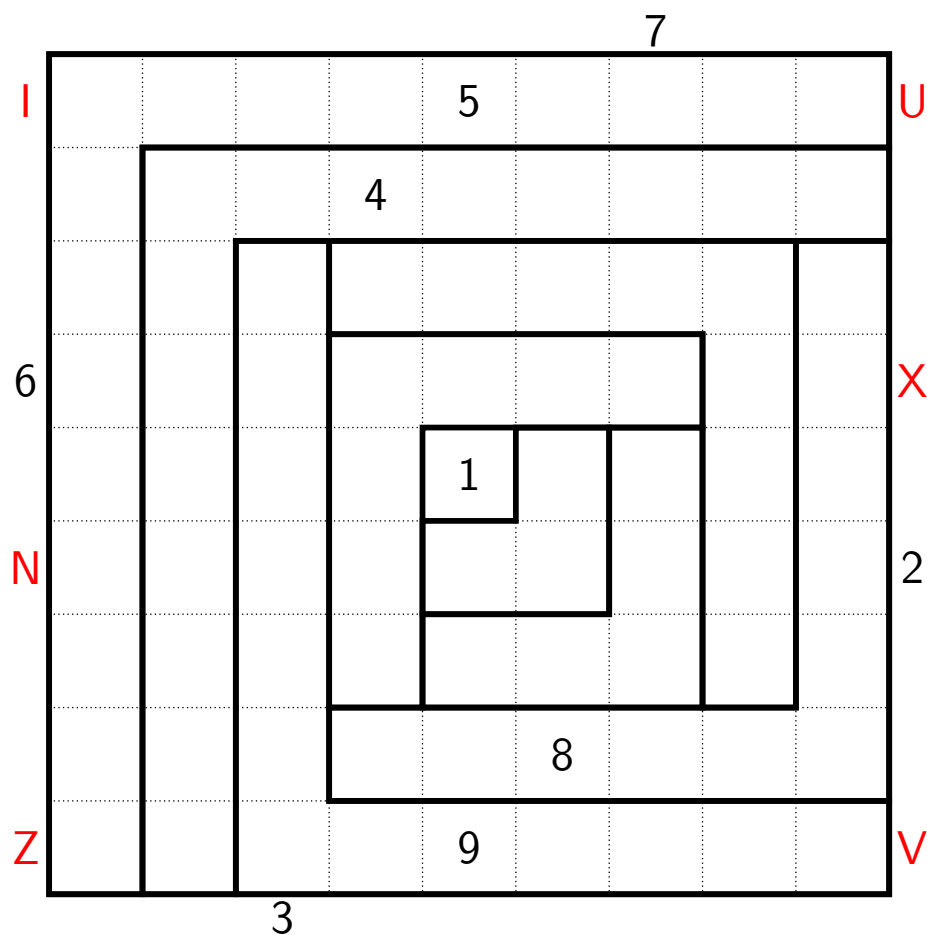
{1:1, 2:[2, 3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

digit(s) 3 cannot be assigned to any hook



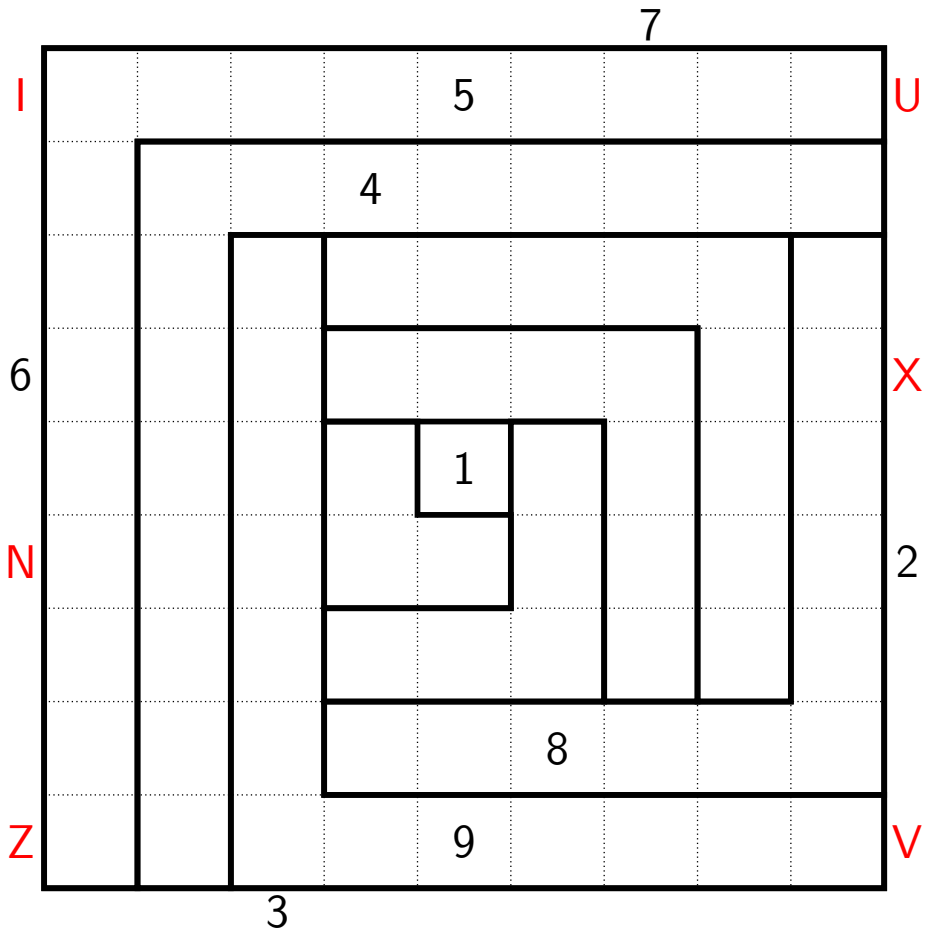
{1:1, 2:[3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

digit(s) 3 cannot be assigned to any hook



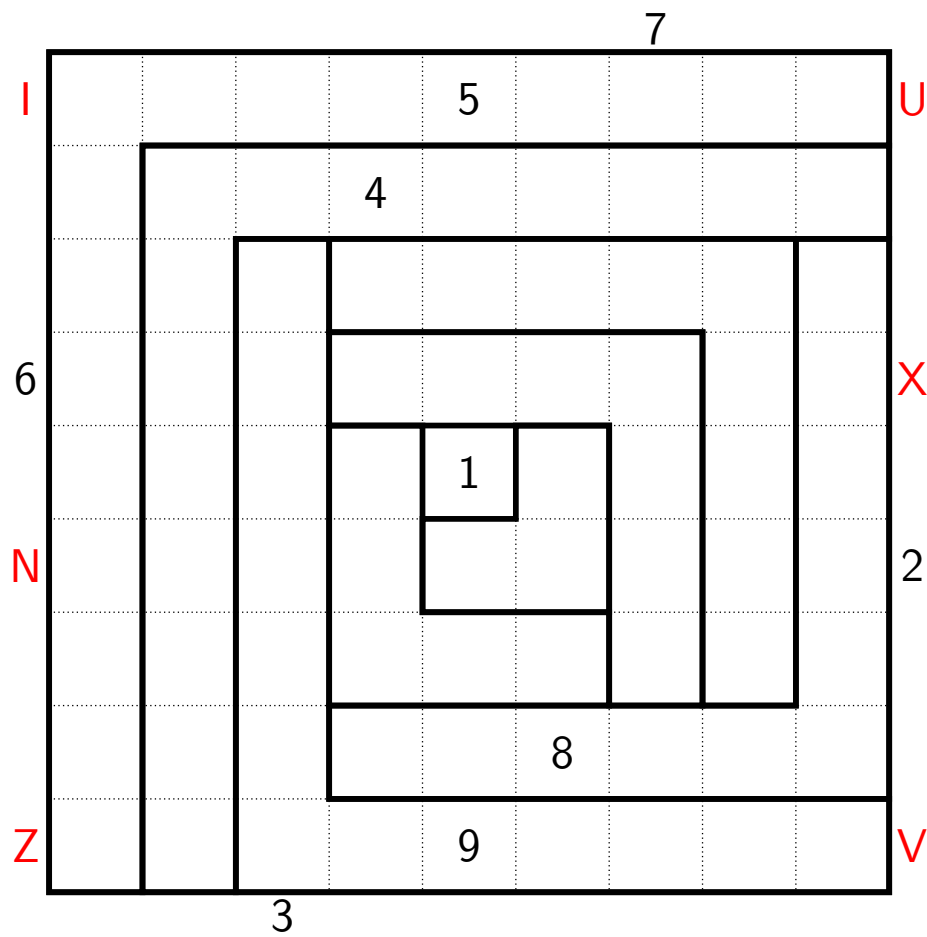
{1:1, 2:[2, 3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

digit(s) 3 cannot be assigned to any hook


$$\{1:1, 2:[2, 3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7\}$$

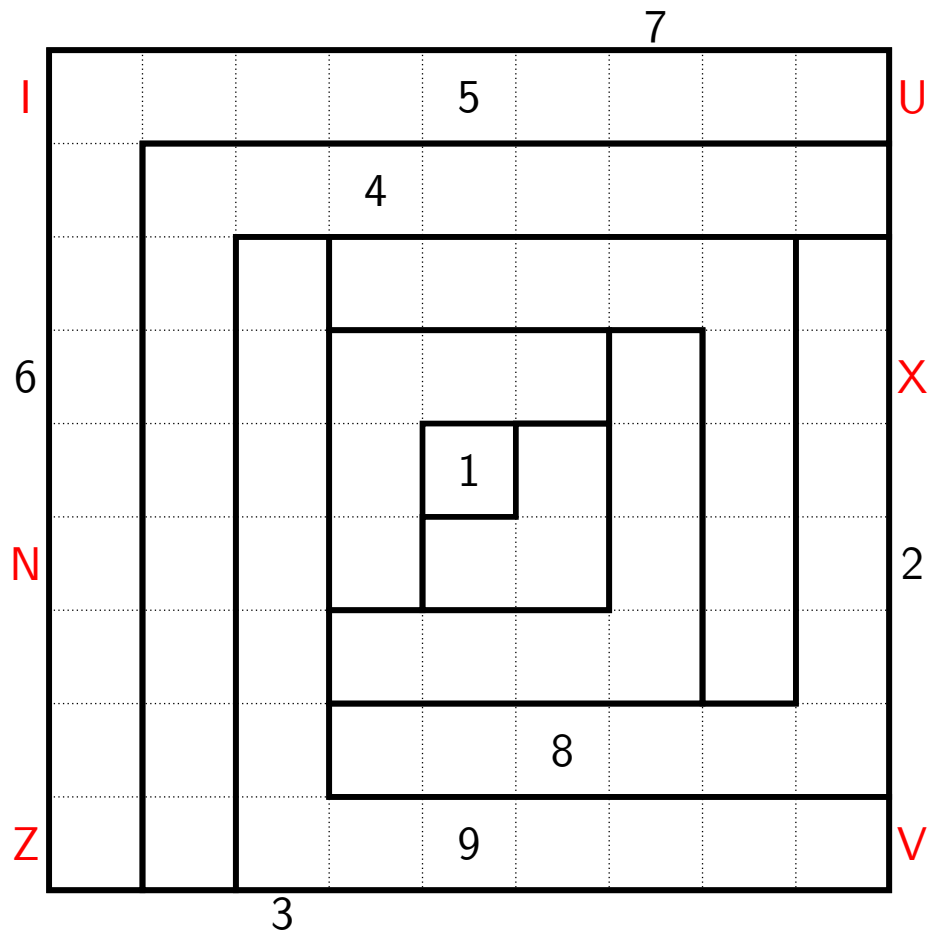
digit(s) 3 cannot be assigned to any hook





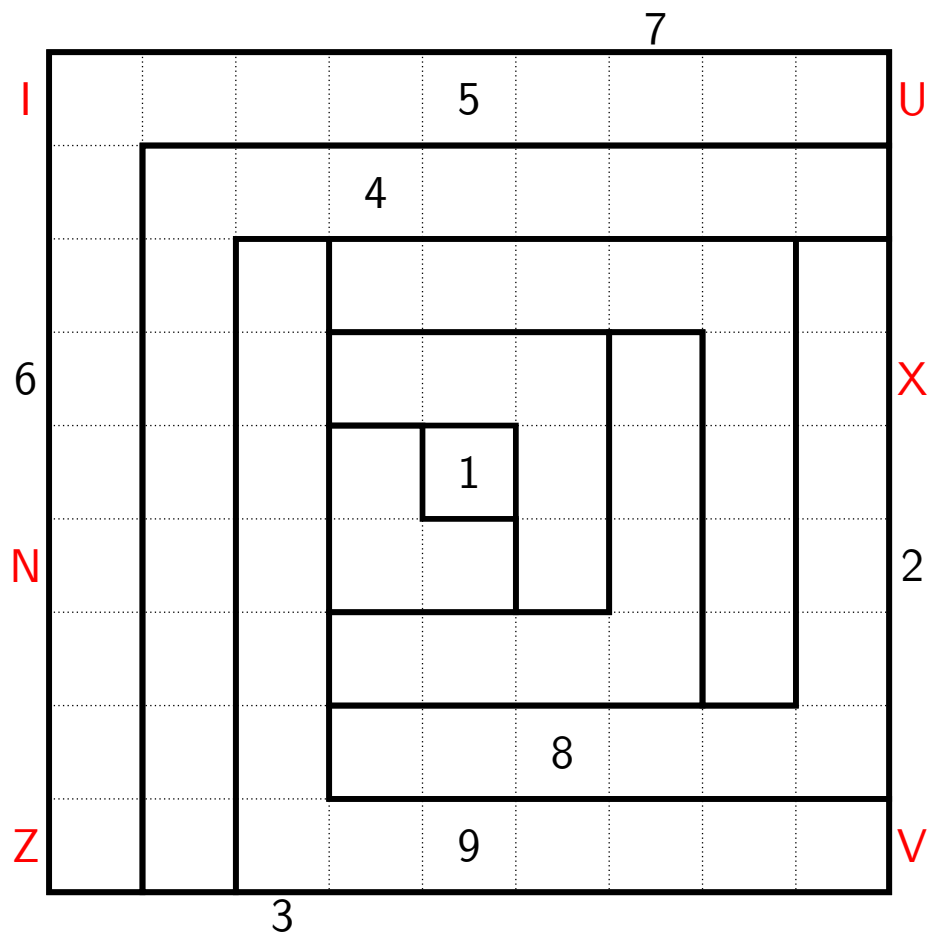
{1:1, 2:[2, 3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

digit(s) 3 cannot be assigned to any hook



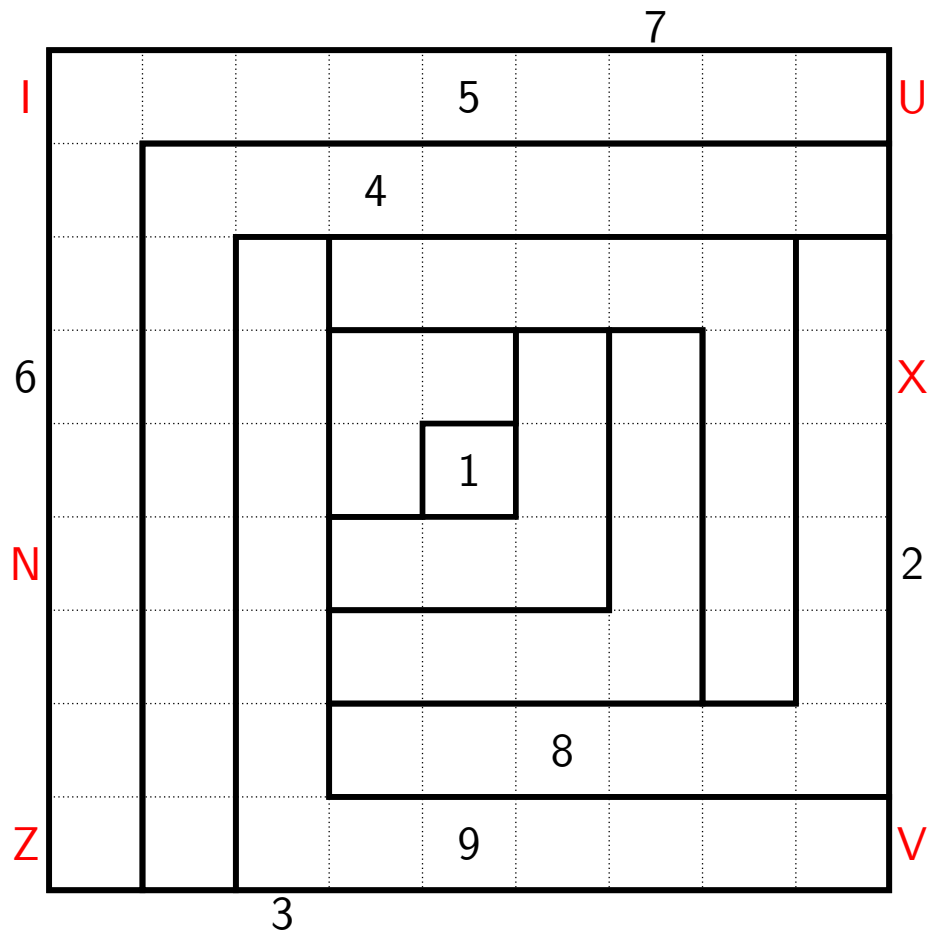
{1:1, 2:[2, 3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

digit(s) 3 cannot be assigned to any hook



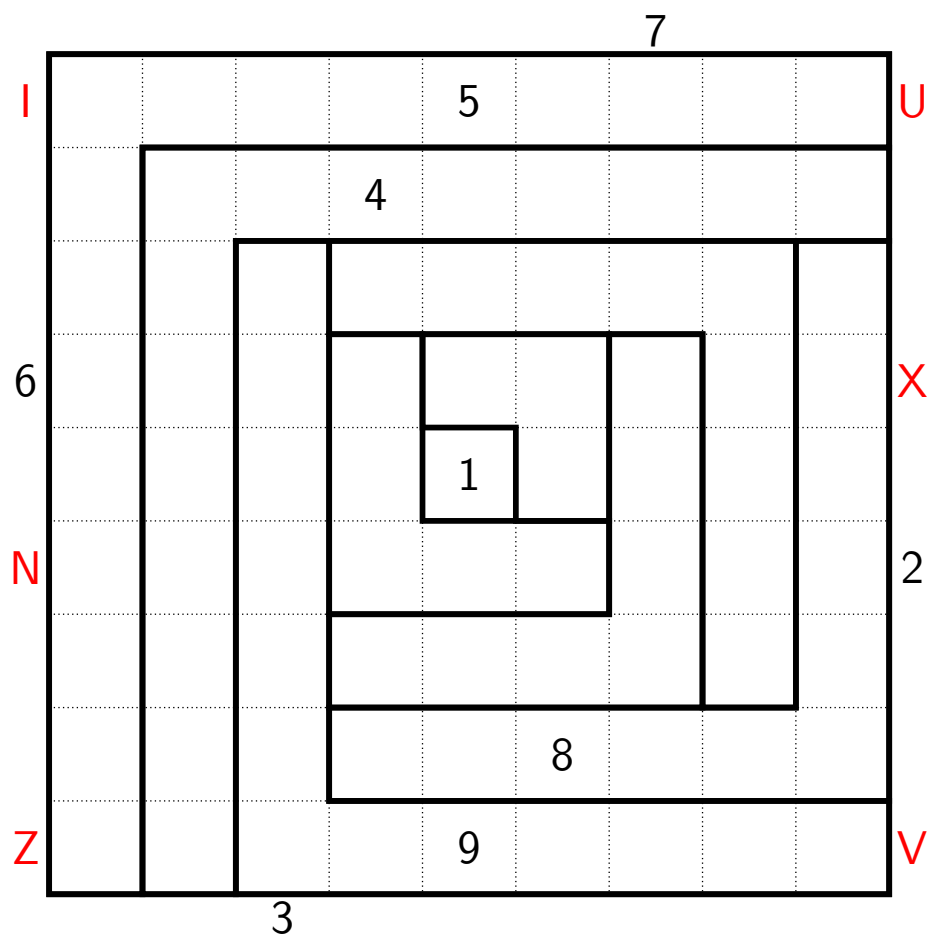
{1:1, 2:[2, 3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

digit(s) 3 cannot be assigned to any hook



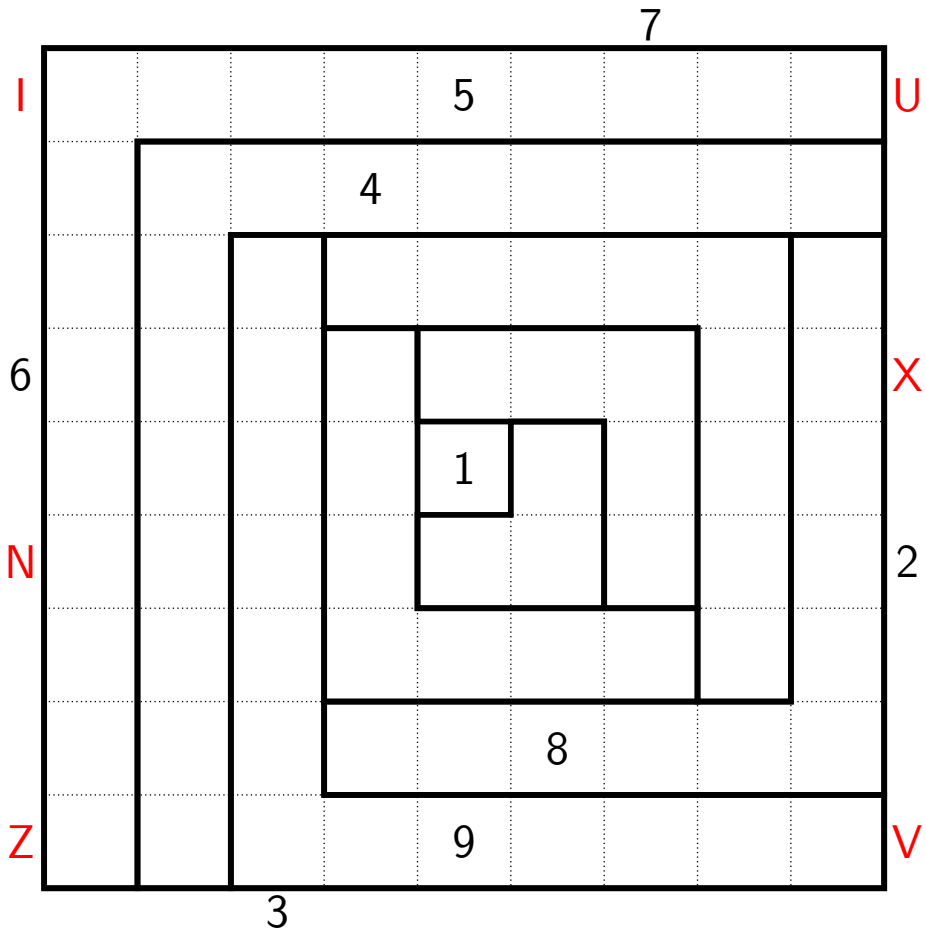
{1:1, 2:[3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

digit(s) 3 cannot be assigned to any hook



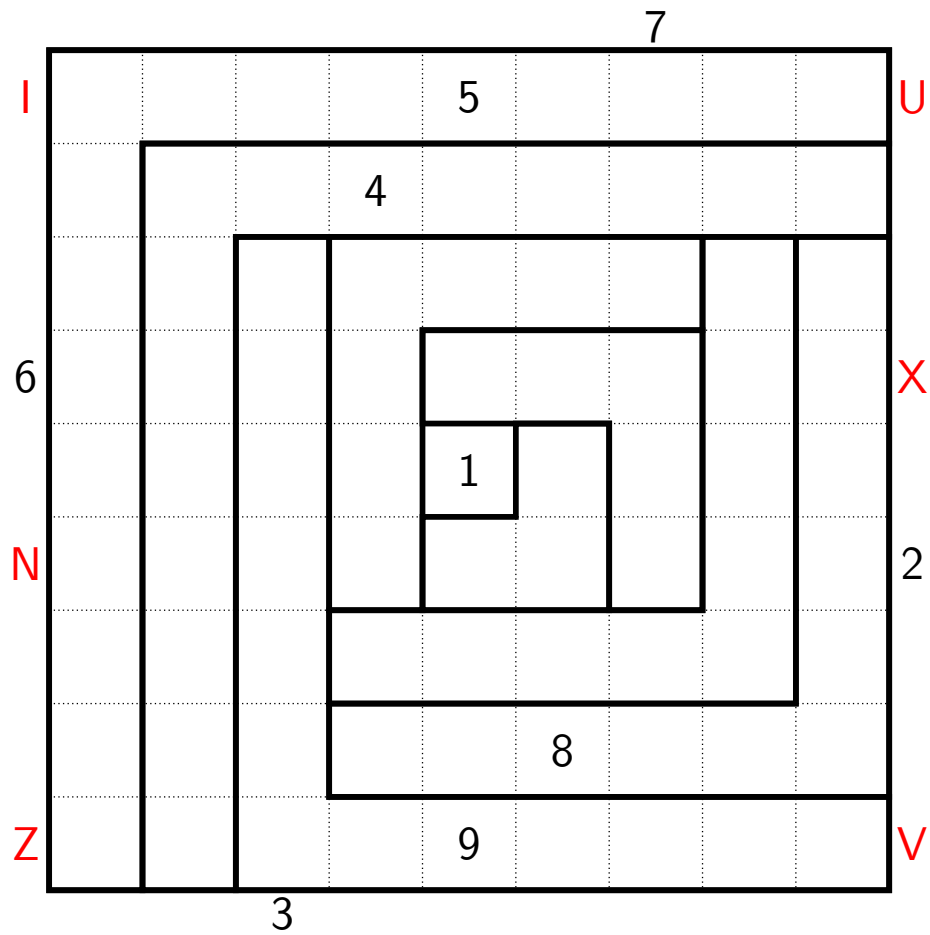
{1:1, 2:[3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

digit(s) 3 cannot be assigned to any hook


$$\{1:1, 2:[2, 3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7\}$$

digit(s) 3 cannot be assigned to any hook

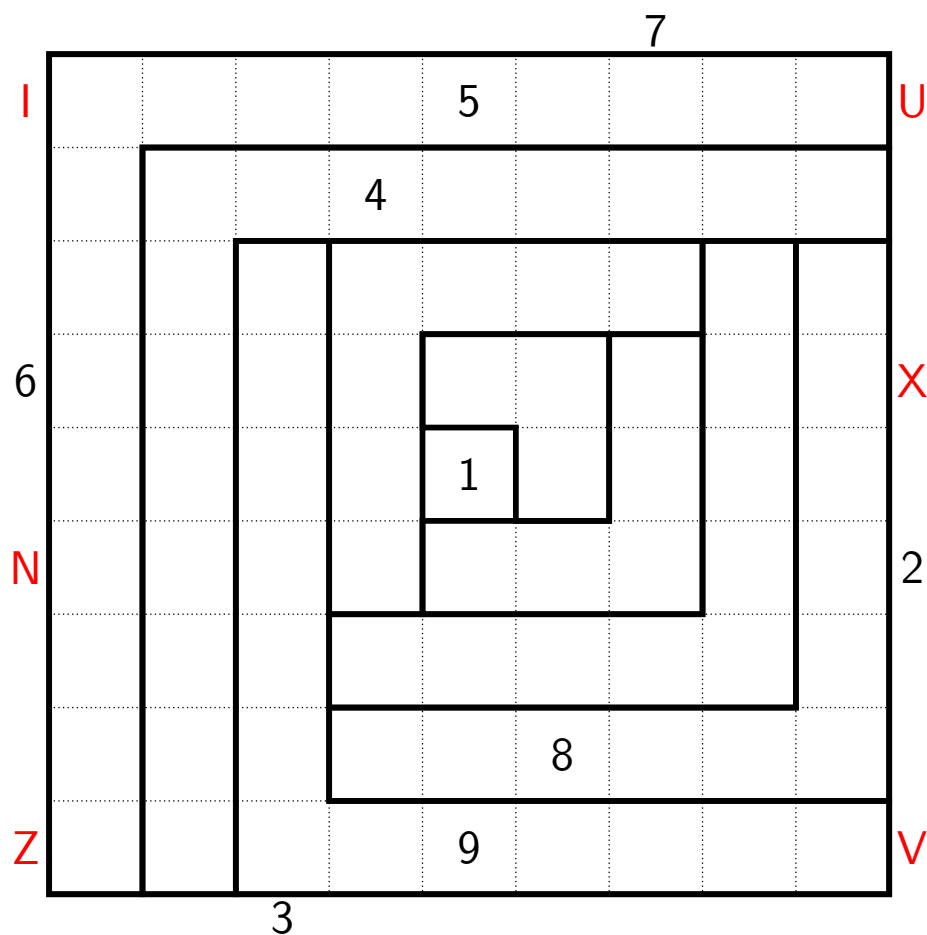
```
digit(s) 3 cannot be assigned to any hook
```



{1:1, 2:[2, 3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

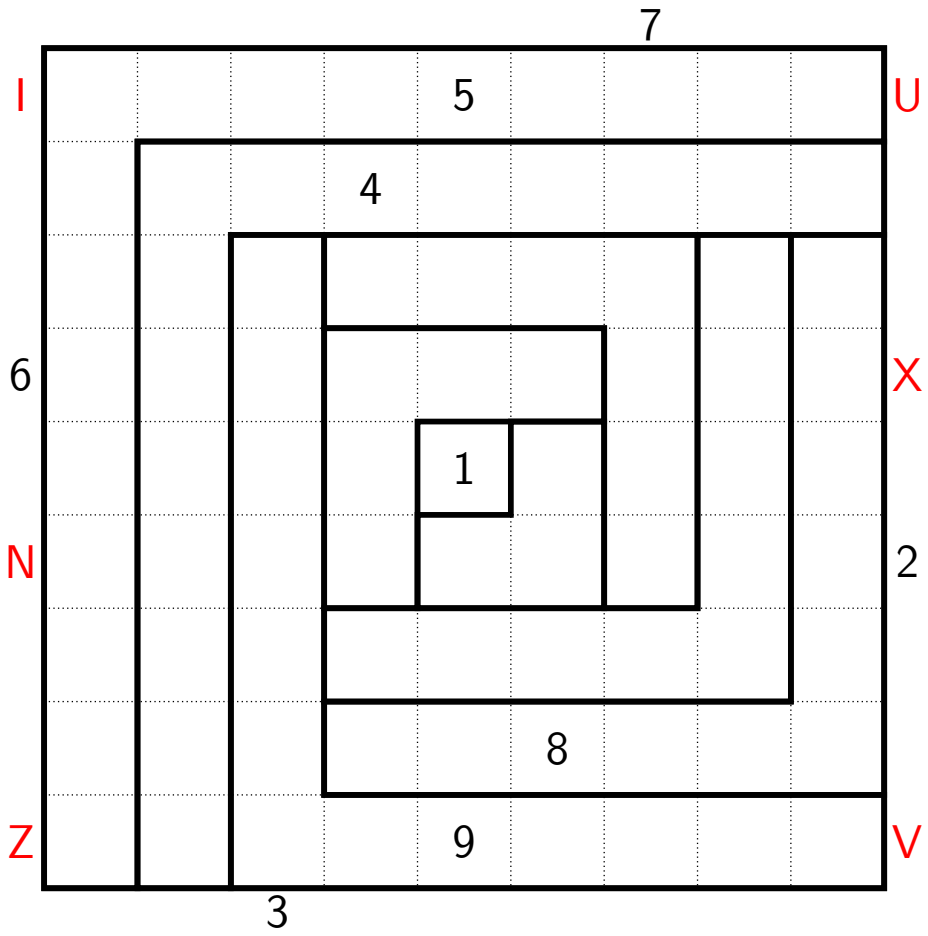
digit(s) 3 cannot be assigned to any hook





{1:1, 2:[3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

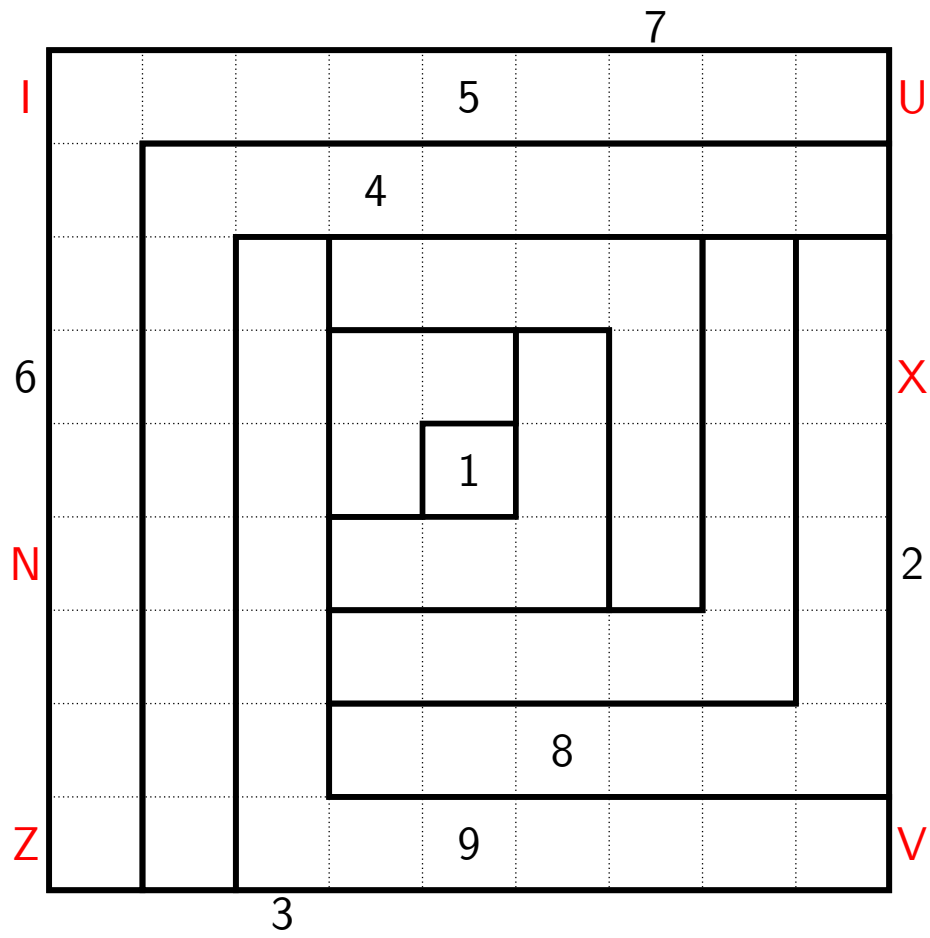
digit(s) 3 cannot be assigned to any hook


$$\{1:1, 2:[2, 3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7\}$$

digit(s) 3 cannot be assigned to any hook

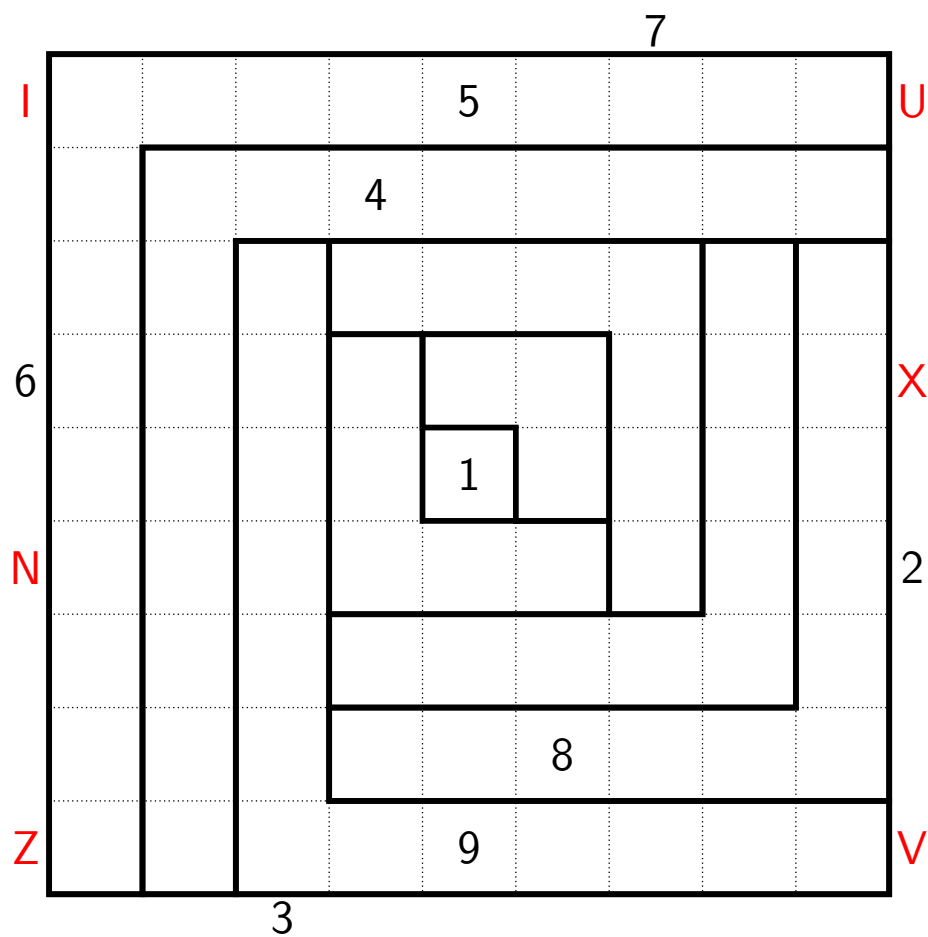
$$\{1:1, 2:[2, 3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7\}$$

```
digit(s) 3 cannot be assigned to any hook
```



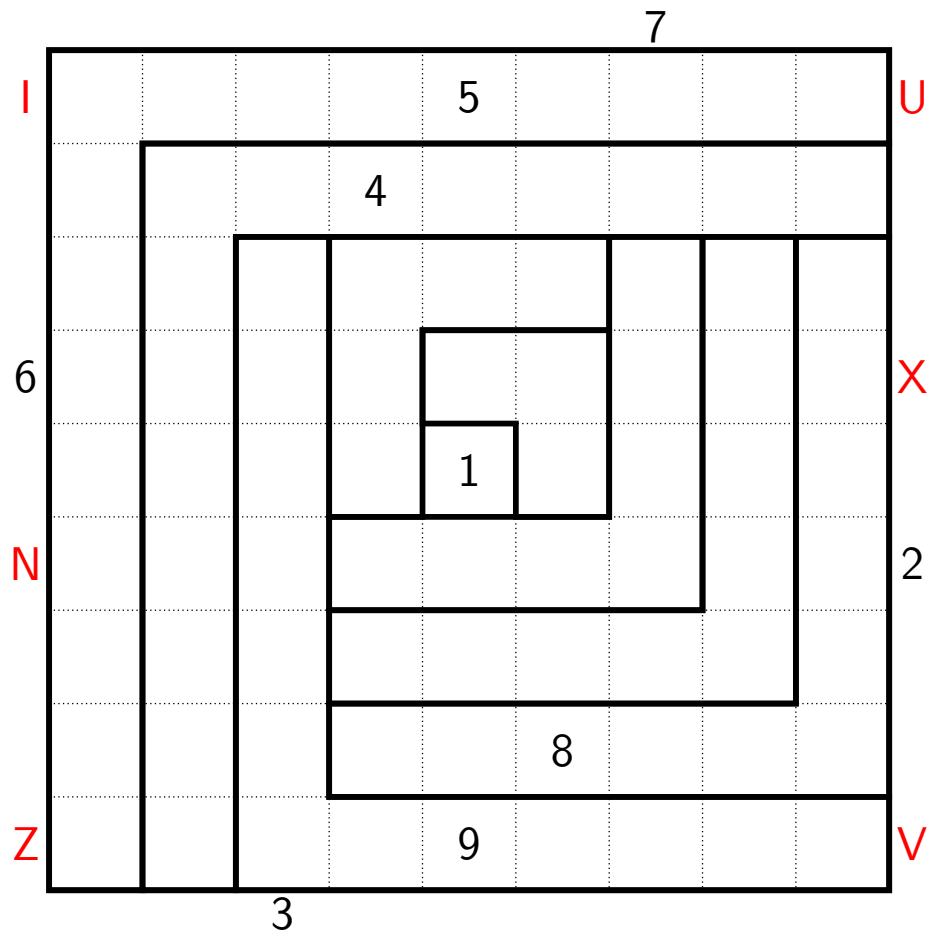
{1:1, 2:[3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

digit(s) 3 cannot be assigned to any hook



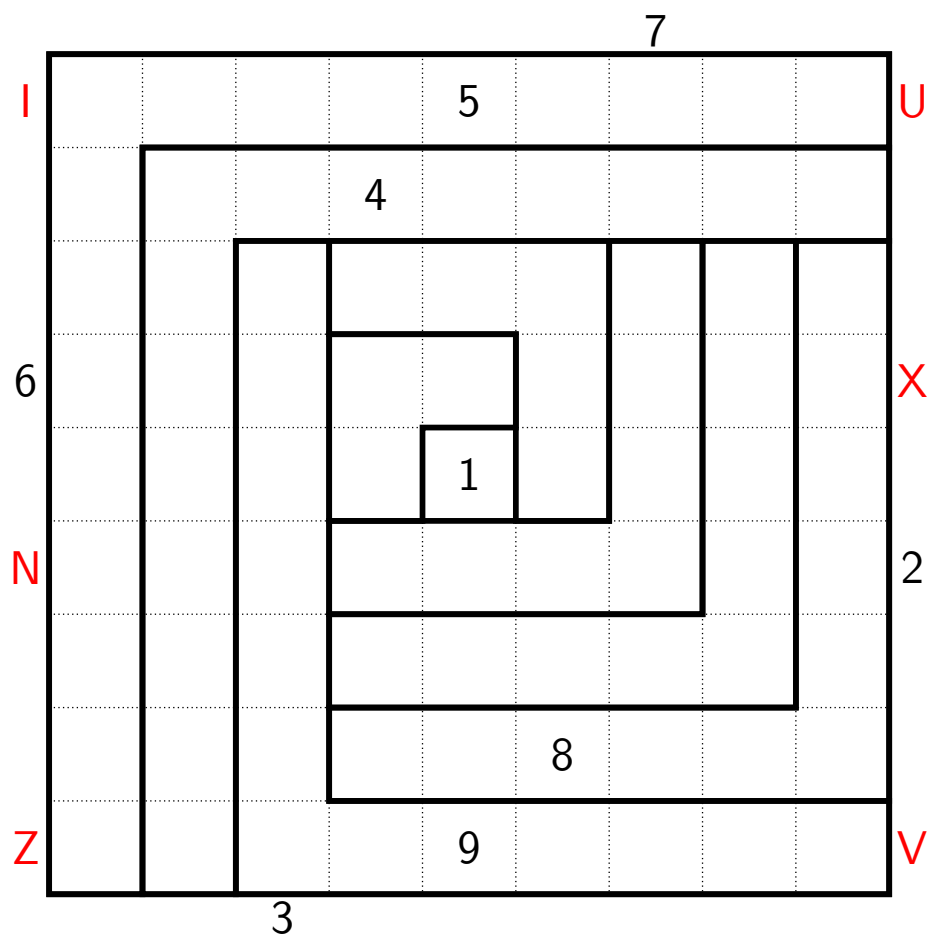
{1:1, 2:[3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

digit(s) 3 cannot be assigned to any hook



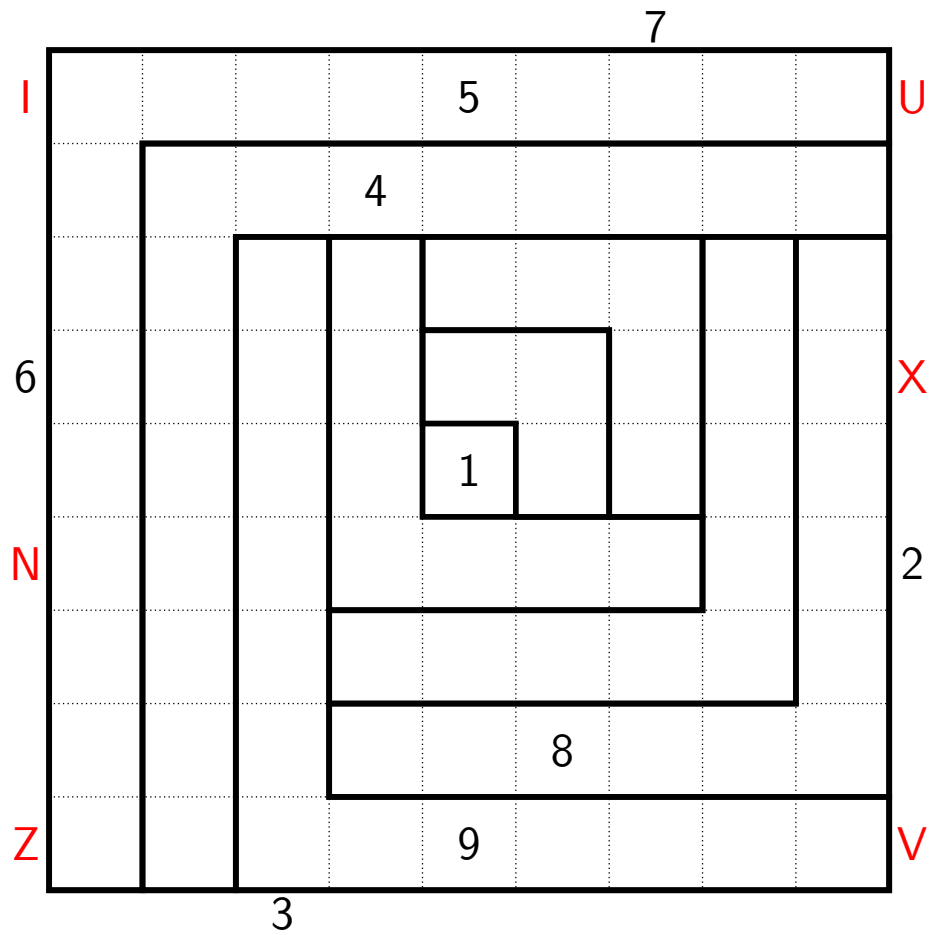
{1:1, 2:[4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

there are more uncertain digits (2,6,7) than available hooks (4,5)



{1:1, 2:[4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

there are more uncertain digits (2,6,7) than available hooks (4,5)

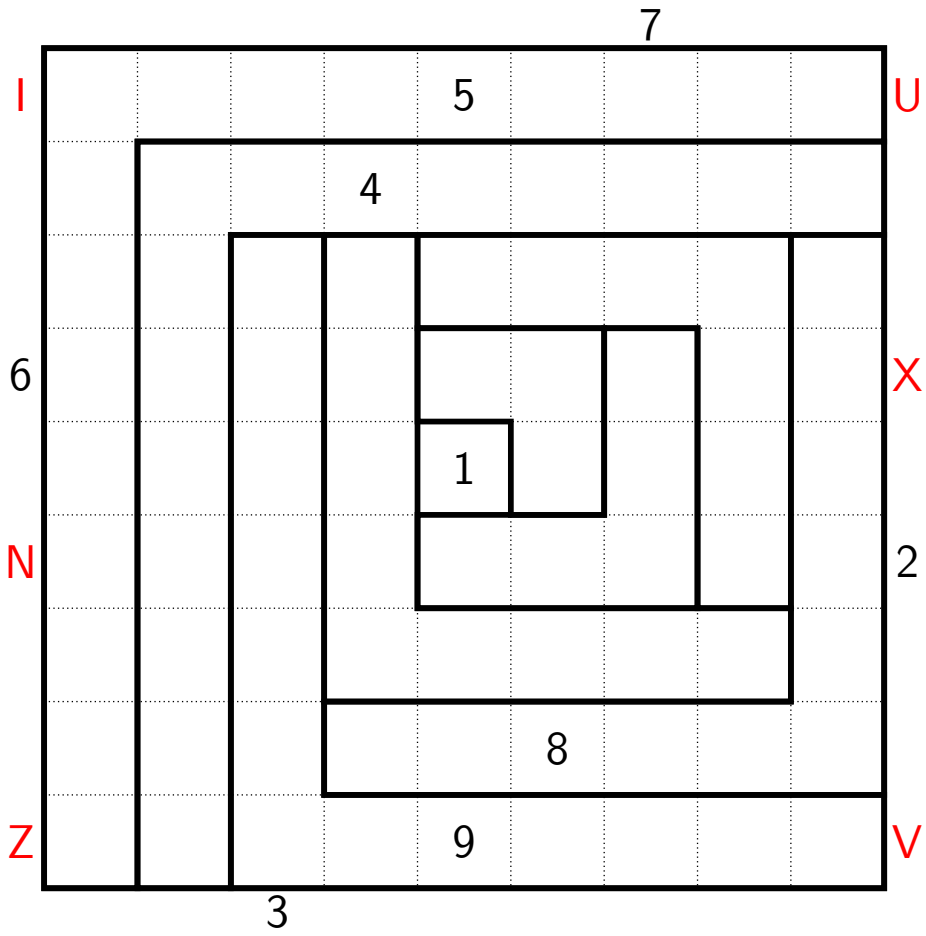


{1:1, 2:[4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

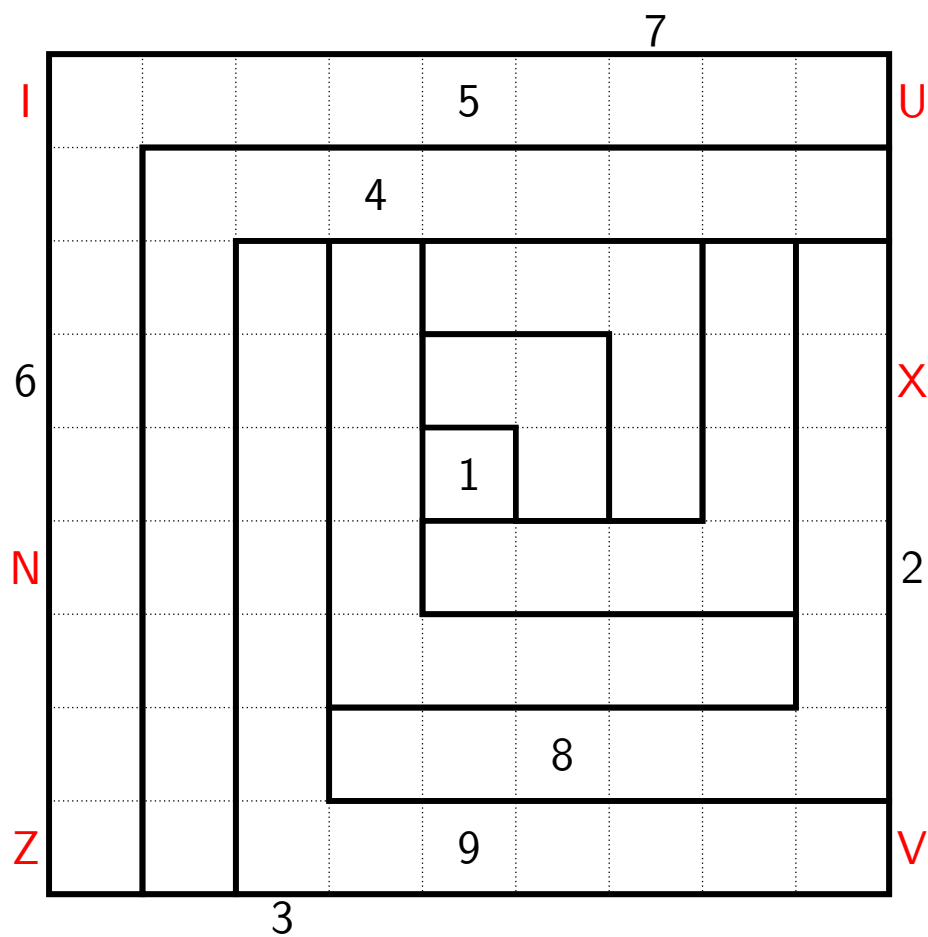
there are more uncertain digits (2,6,7) than available hooks (4,5)



```
digit(s) 3 cannot be assigned to any hook
```

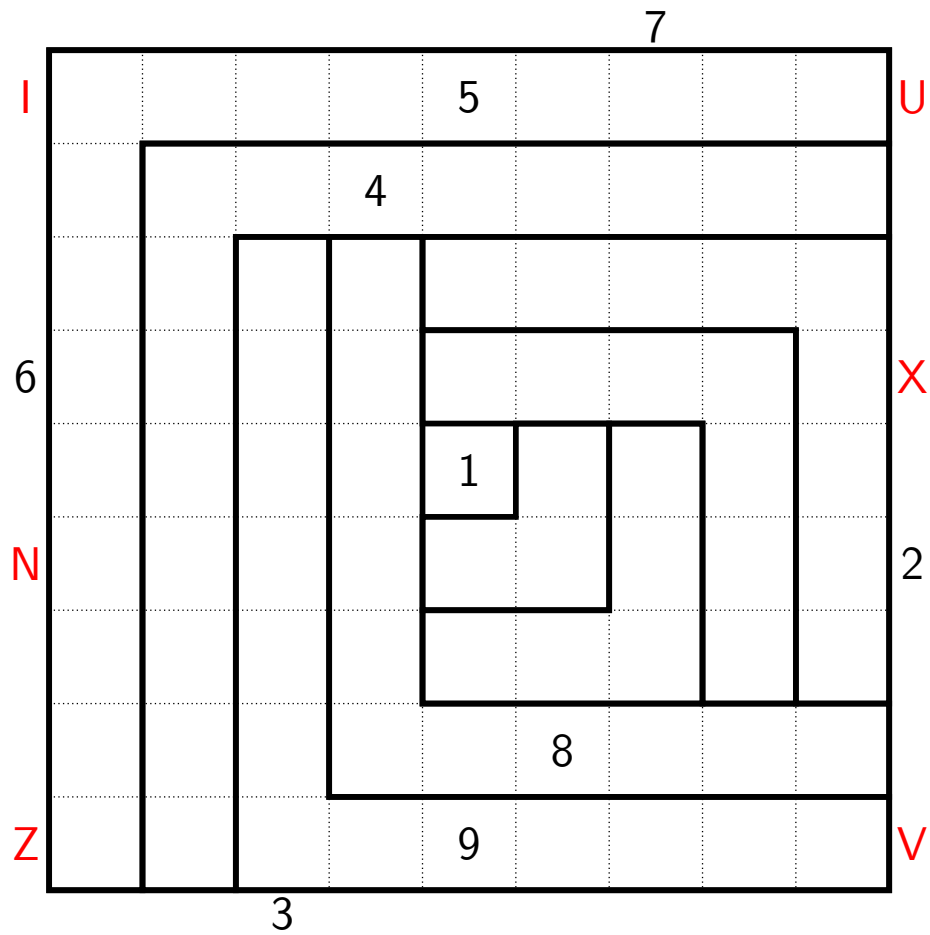

$$\{1:1, 2:[3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7\}$$

digit(s) 3 cannot be assigned to any hook



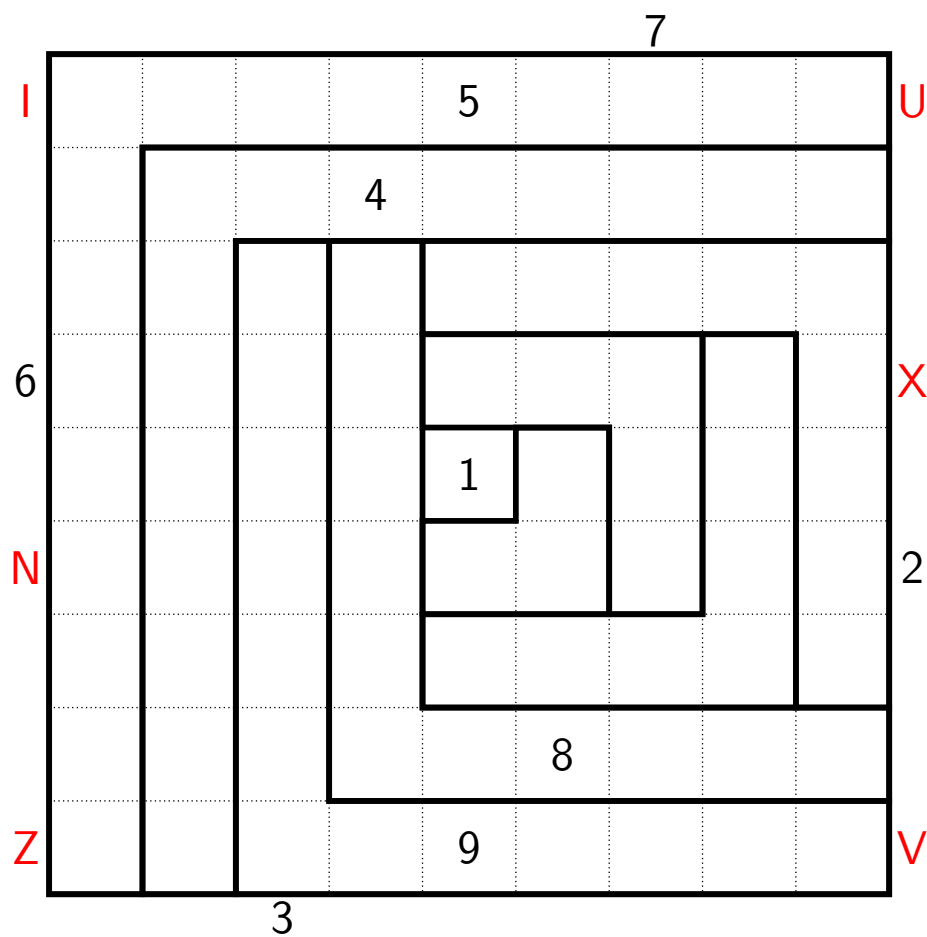
{1:1, 2:[4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

there are more uncertain digits (2,6,7) than available hooks (4,5)



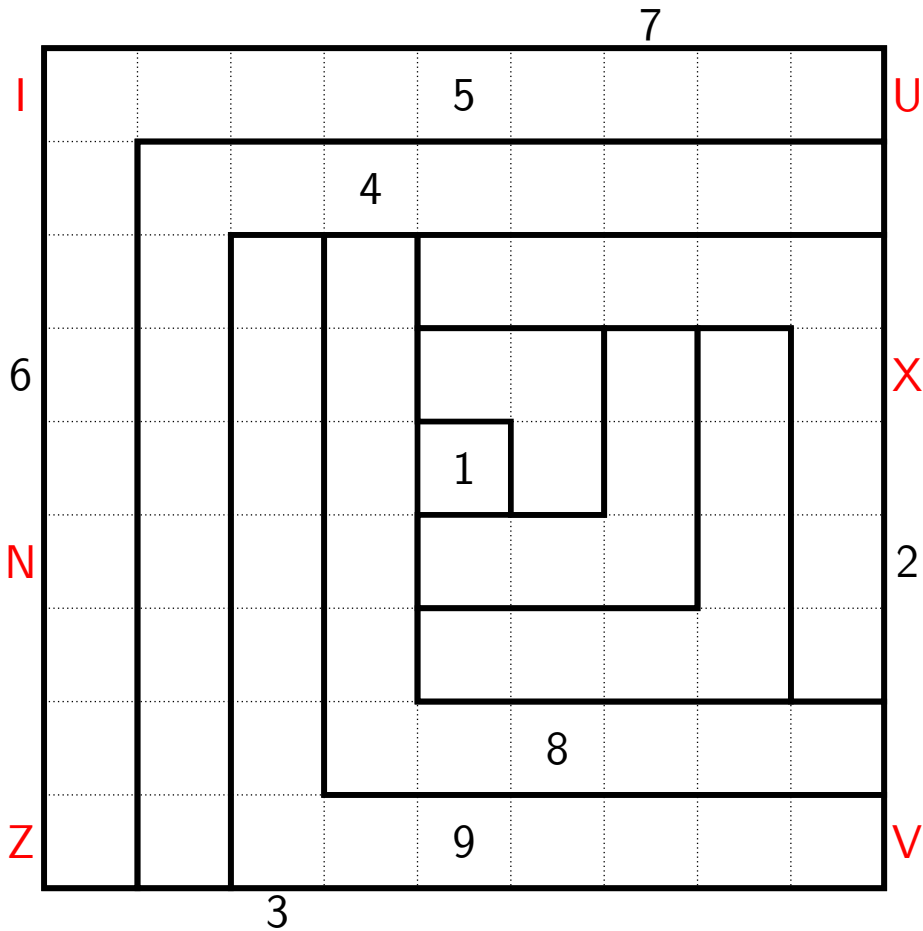
{1:1, 2:[2, 3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

digit(s) 3 cannot be assigned to any hook



{1:1, 2:[2, 3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

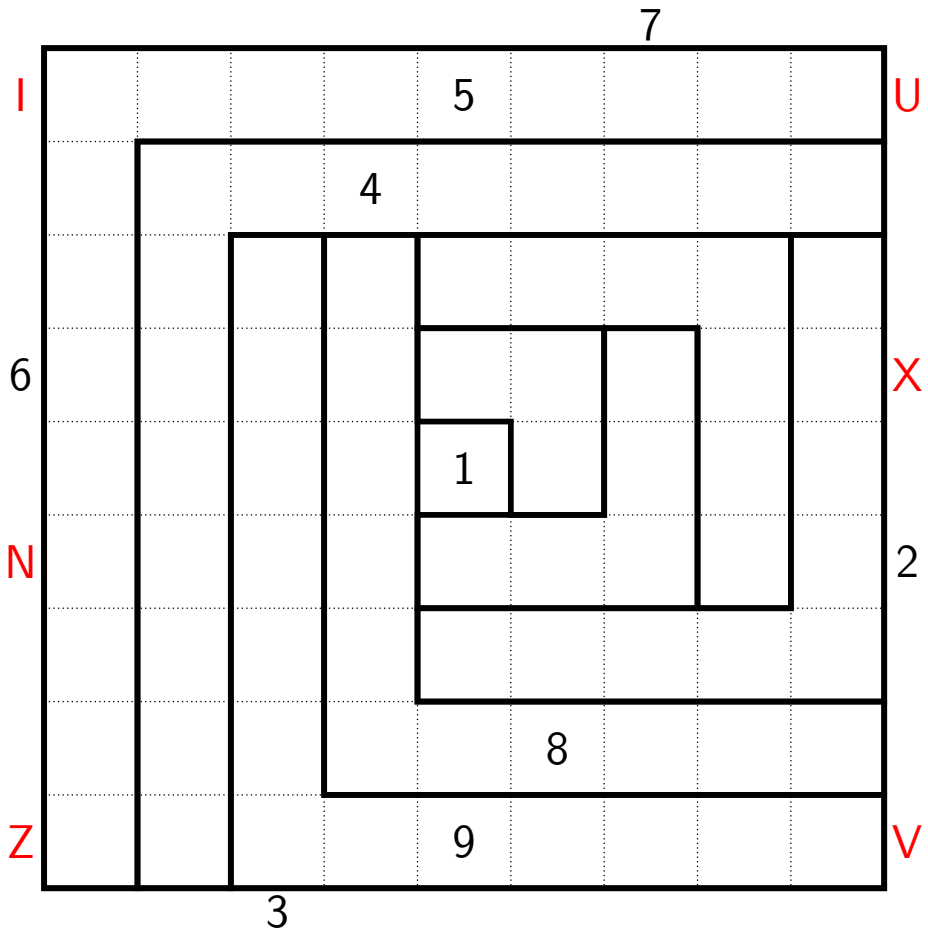
digit(s) 3 cannot be assigned to any hook



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{1:1, 2:[3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}
```

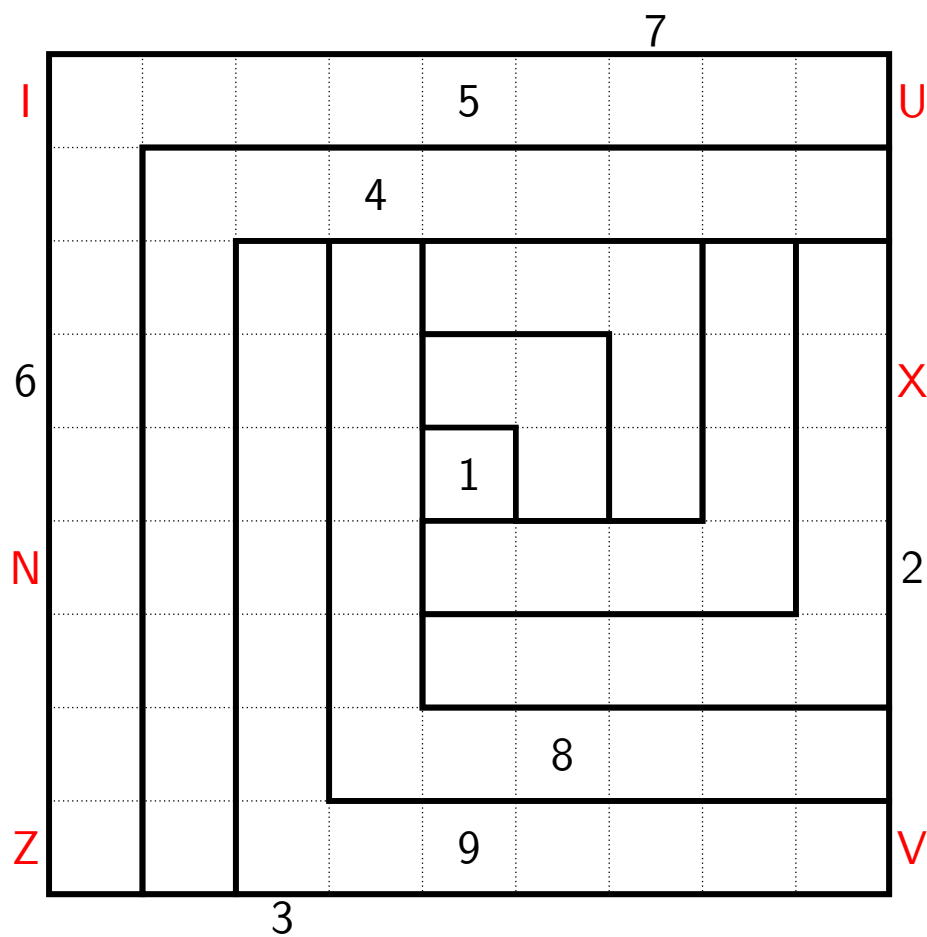
digit(s) 3 cannot be assigned to any hook

```
digit(s) 3 cannot be assigned to any hook
```


$$\{1:1, 2:[3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7\}$$

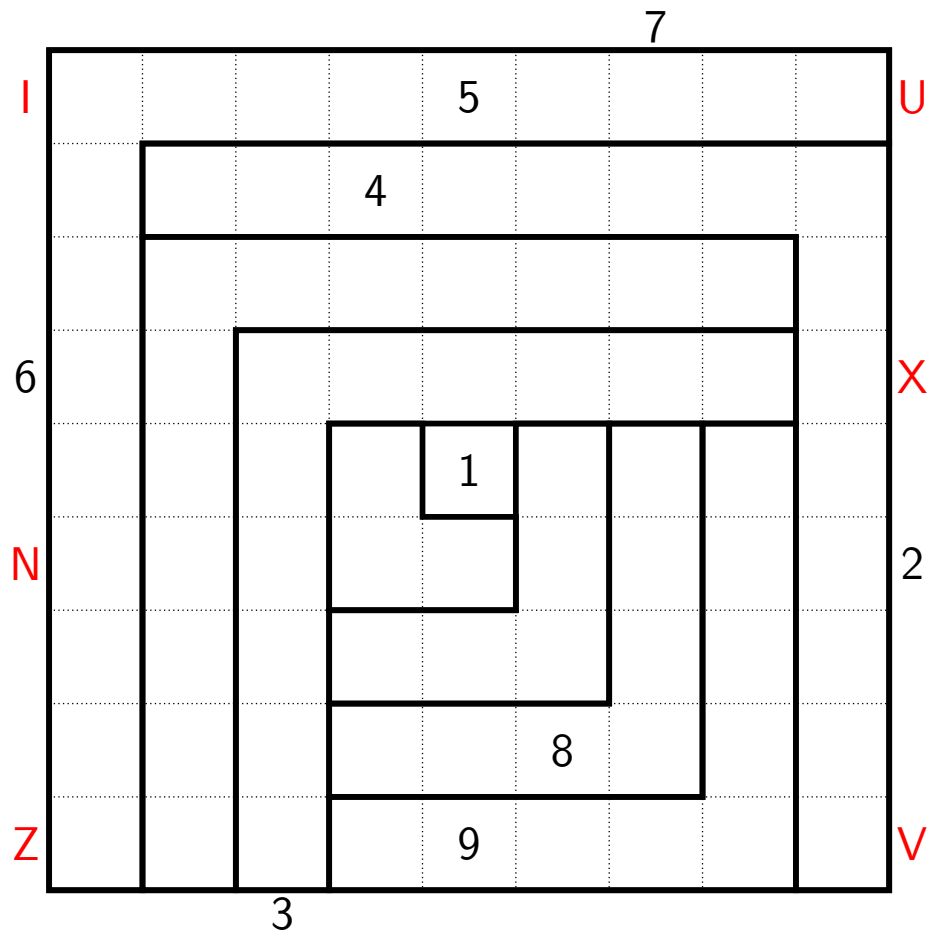
digit(s) 3 cannot be assigned to any hook





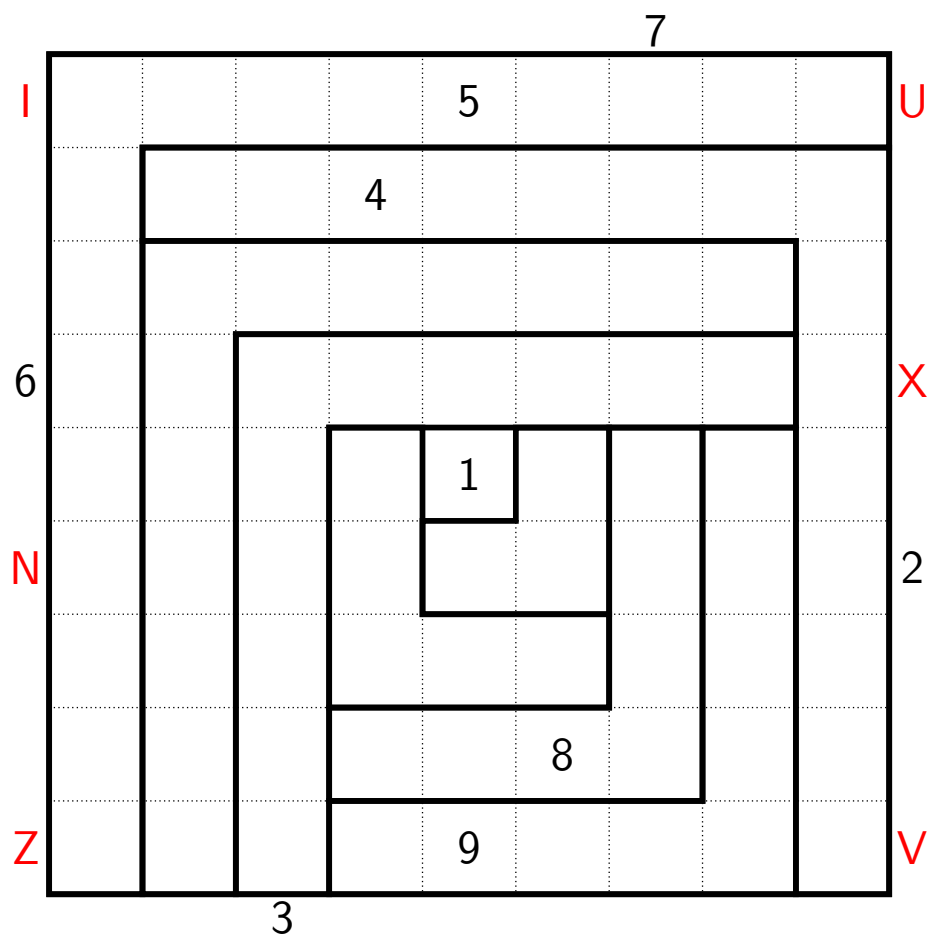
{1:1, 2:[4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

there are more uncertain digits (2,6,7) than available hooks (4,5)



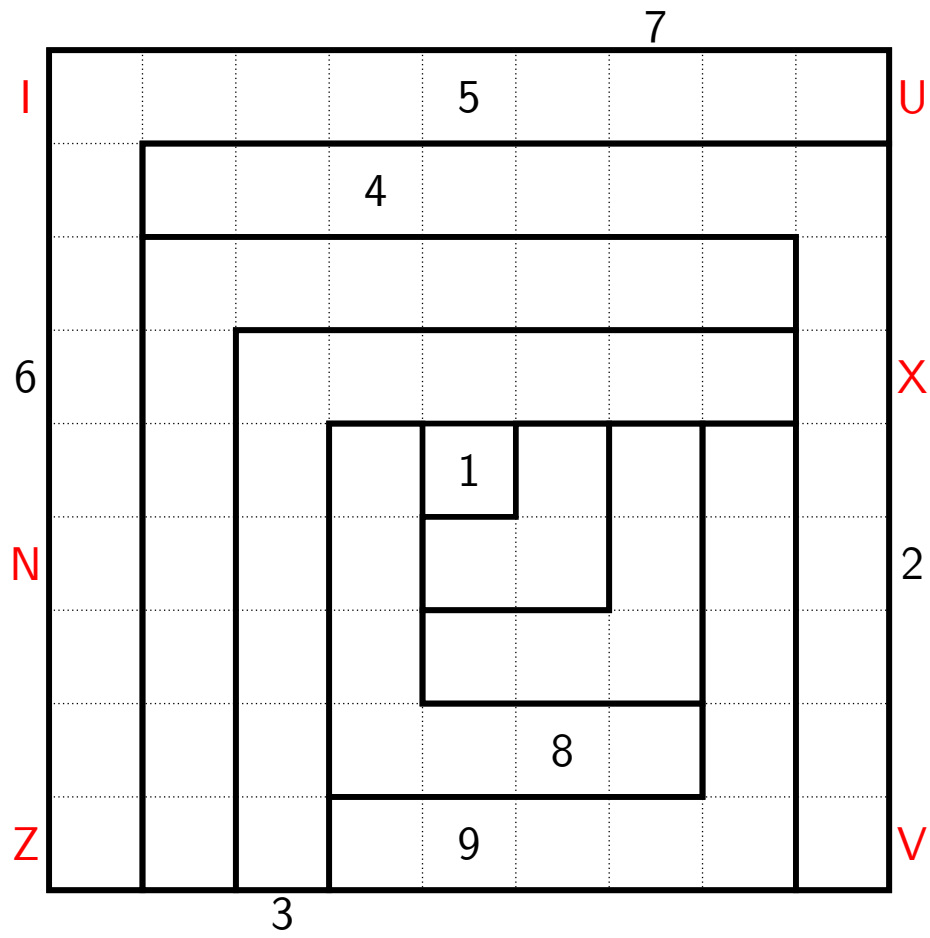
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:5}

hook 4 is too small for digit 8



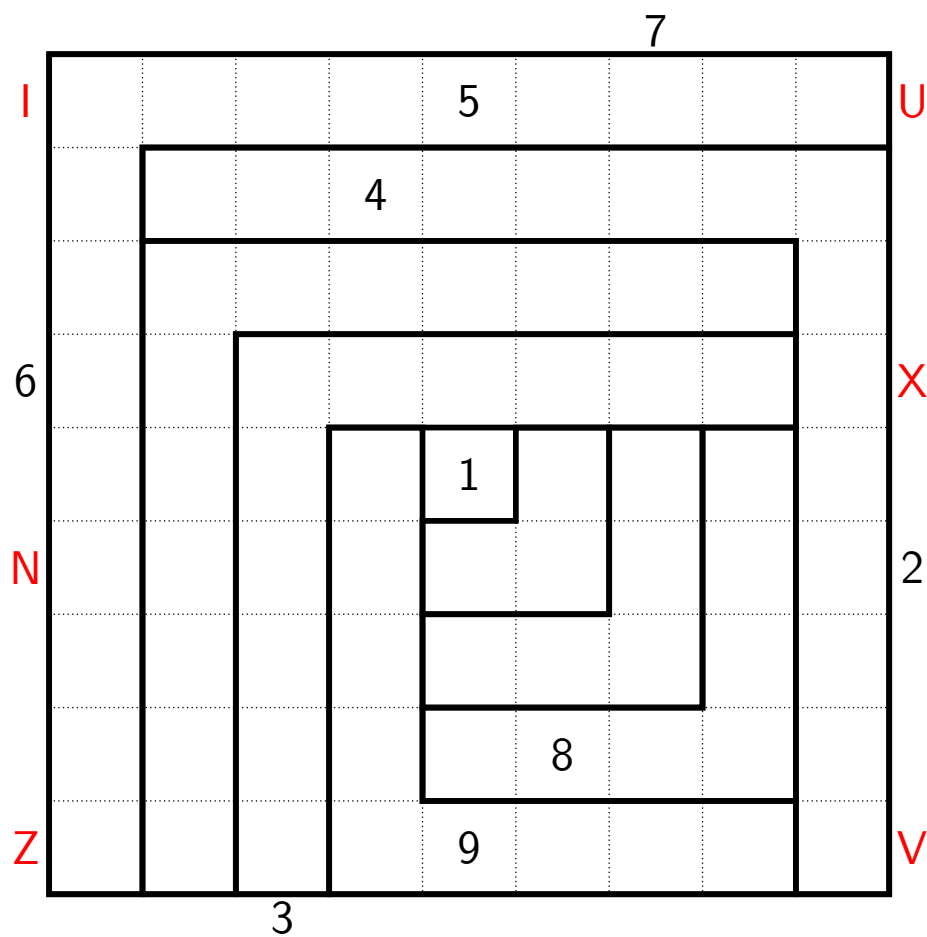
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:5}

hook 4 is too small for digit 8



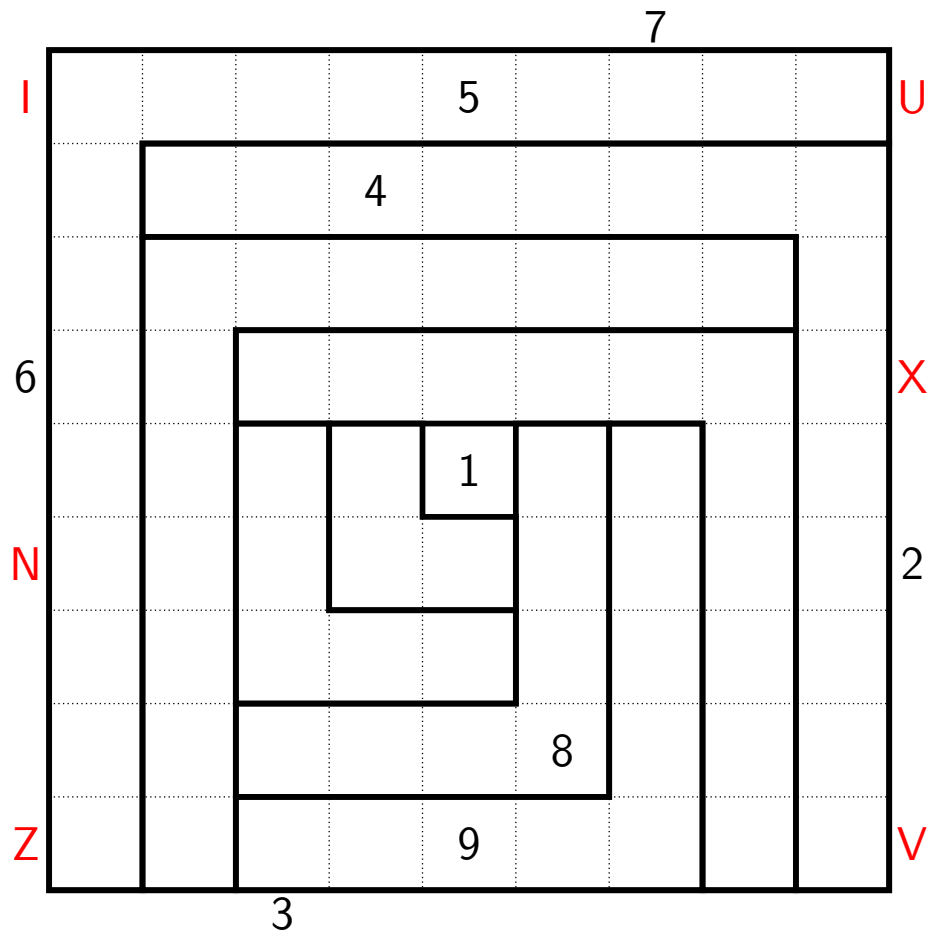
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:5}

hook 4 is too small for digit 8



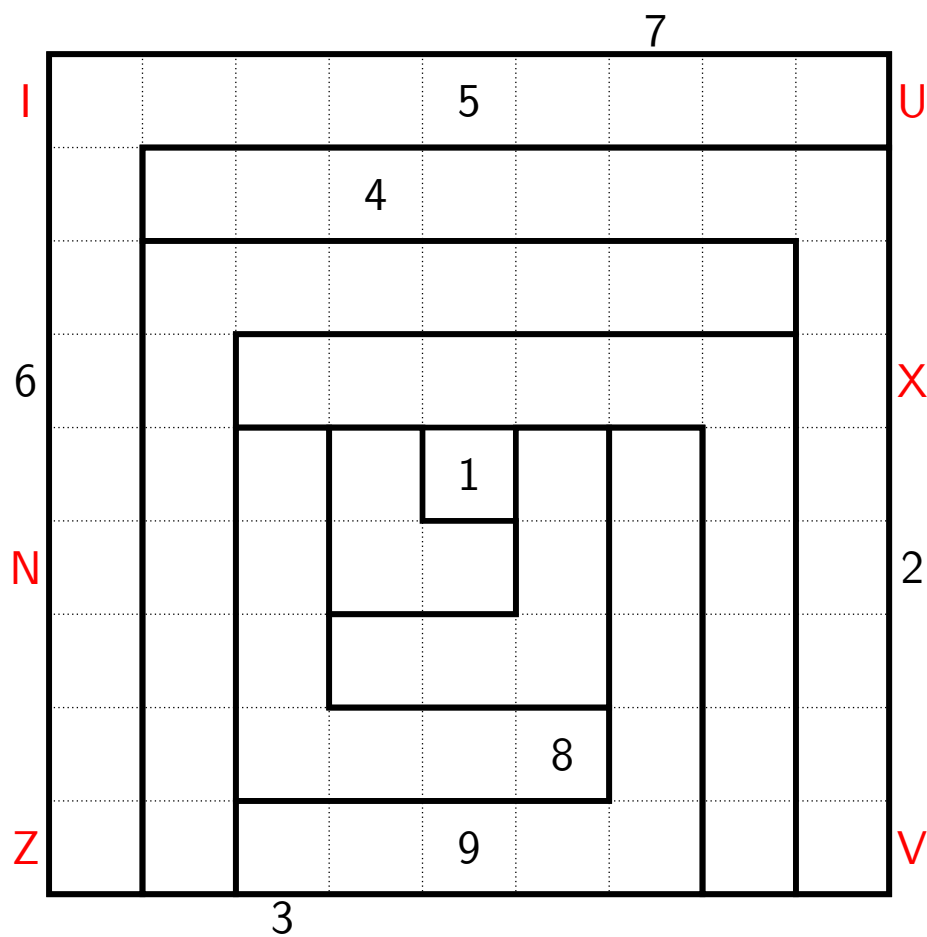
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:5}

hook 4 is too small for digit 8



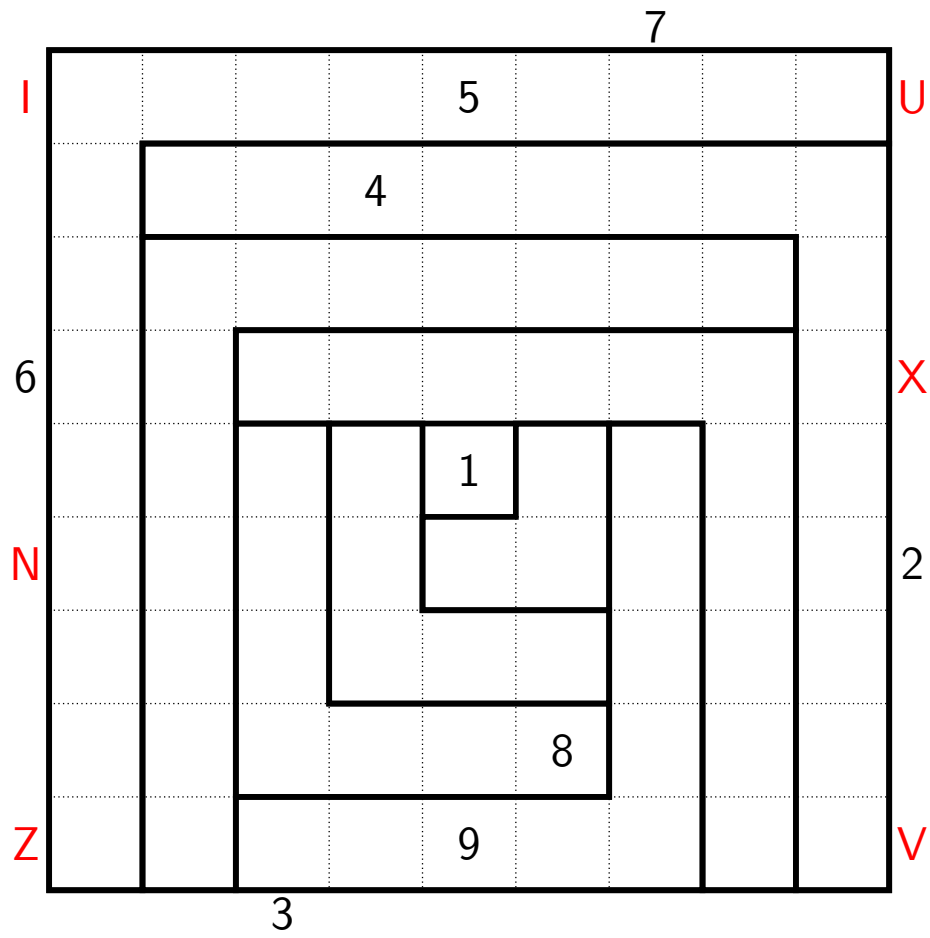
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:5}

hook 4 is too small for digit 8



{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:5}

hook 4 is too small for digit 8

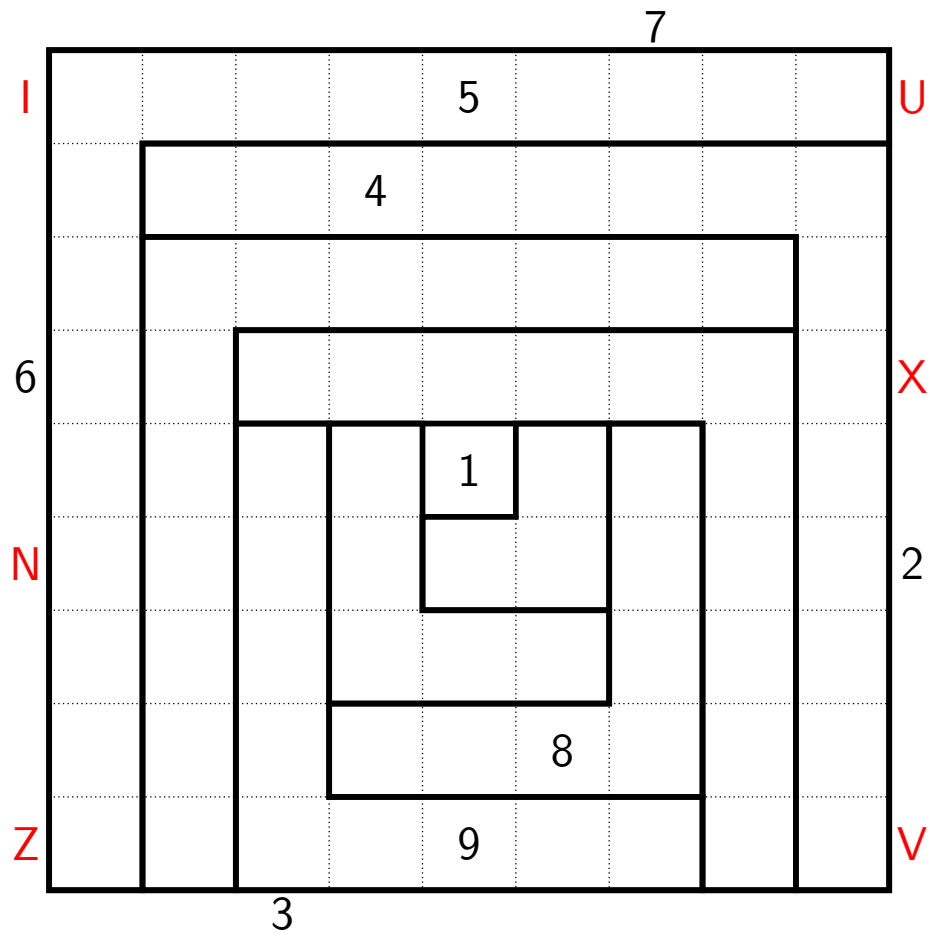


{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:5}

hook 4 is too small for digit 8

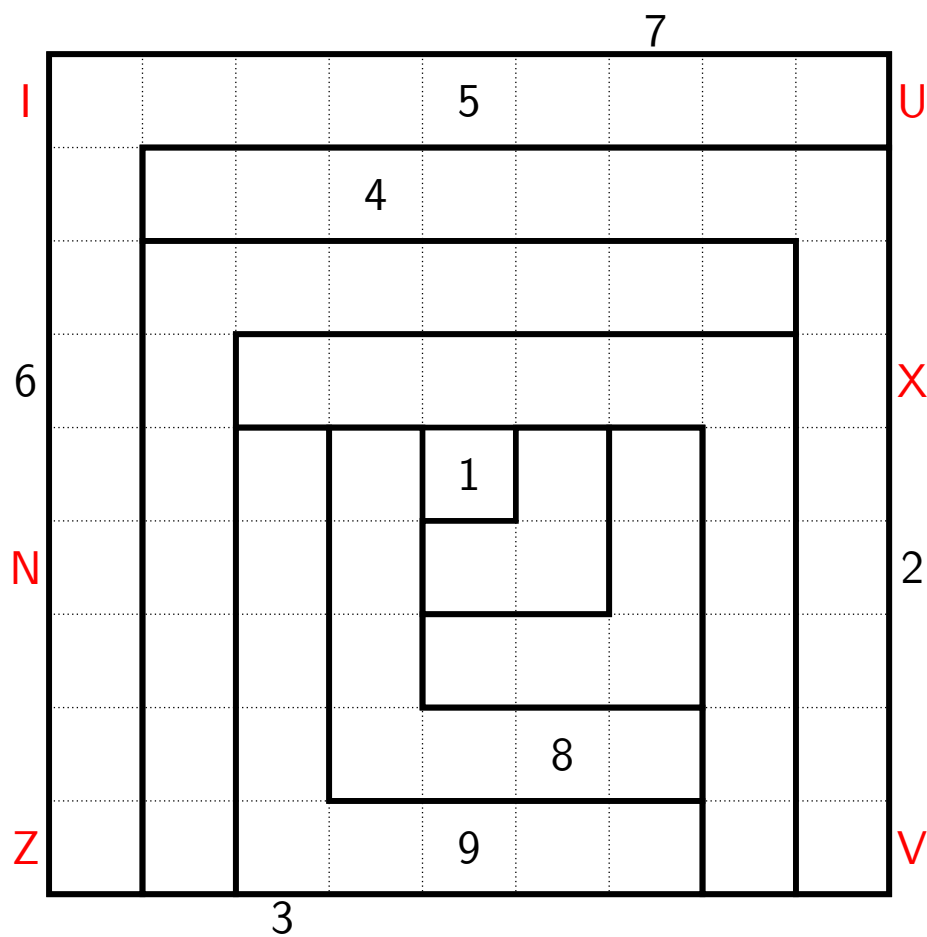


```
hook 4 is too small for digit 8
```



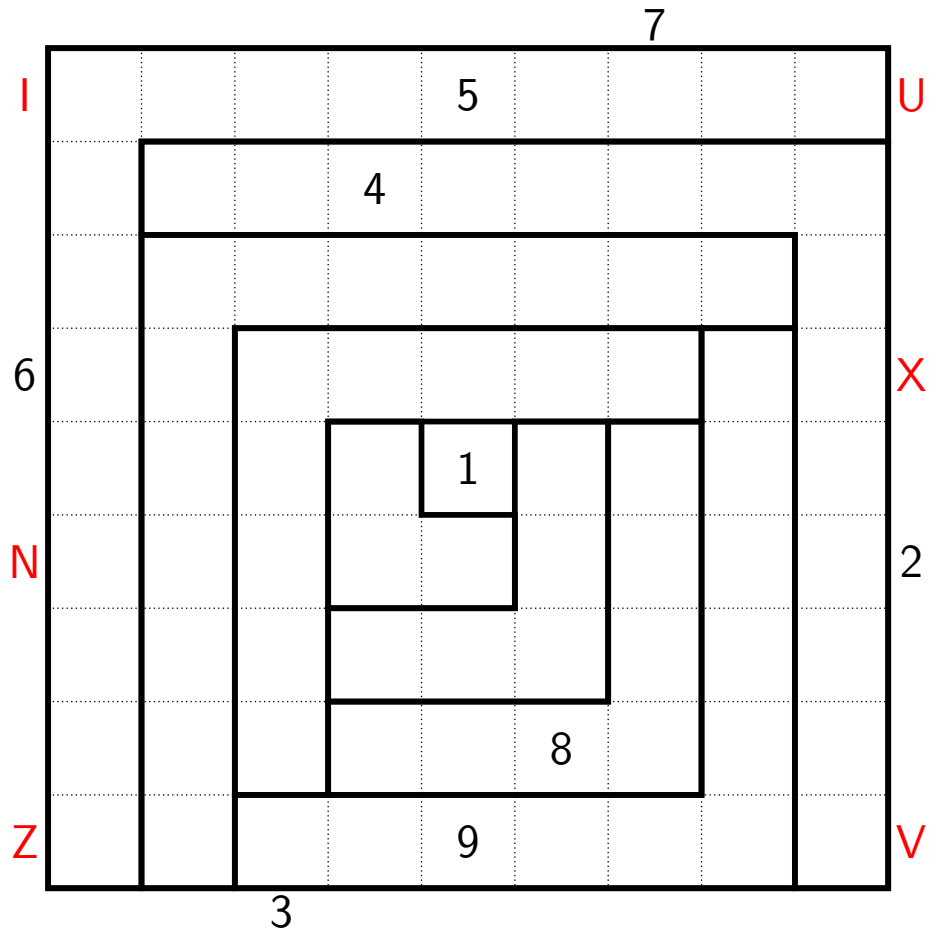
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:5}

hook 4 is too small for digit 8

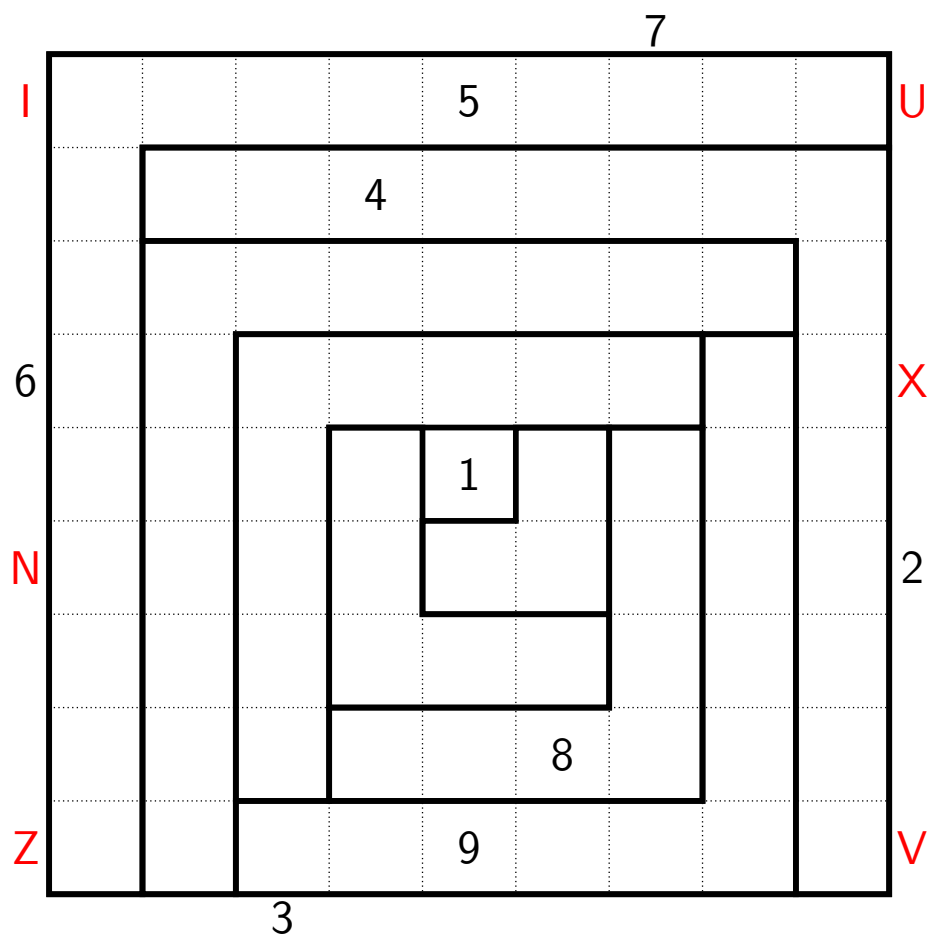


{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:5}

hook 4 is too small for digit 8

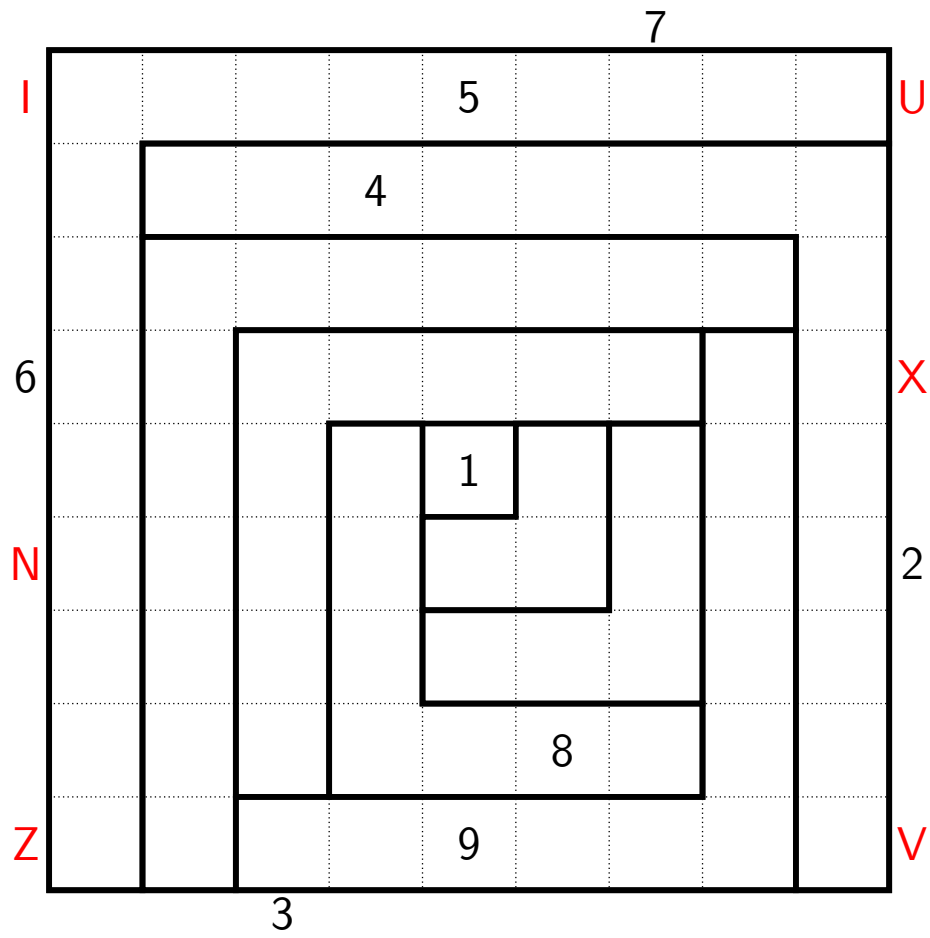

$$\{1:1, 2:\square, 3:\square, 4:\square, 5:\square, 6:\square, 7:\square, 8:\square, 9:6\}$$

```
hook 4 is too small for digit 8
```



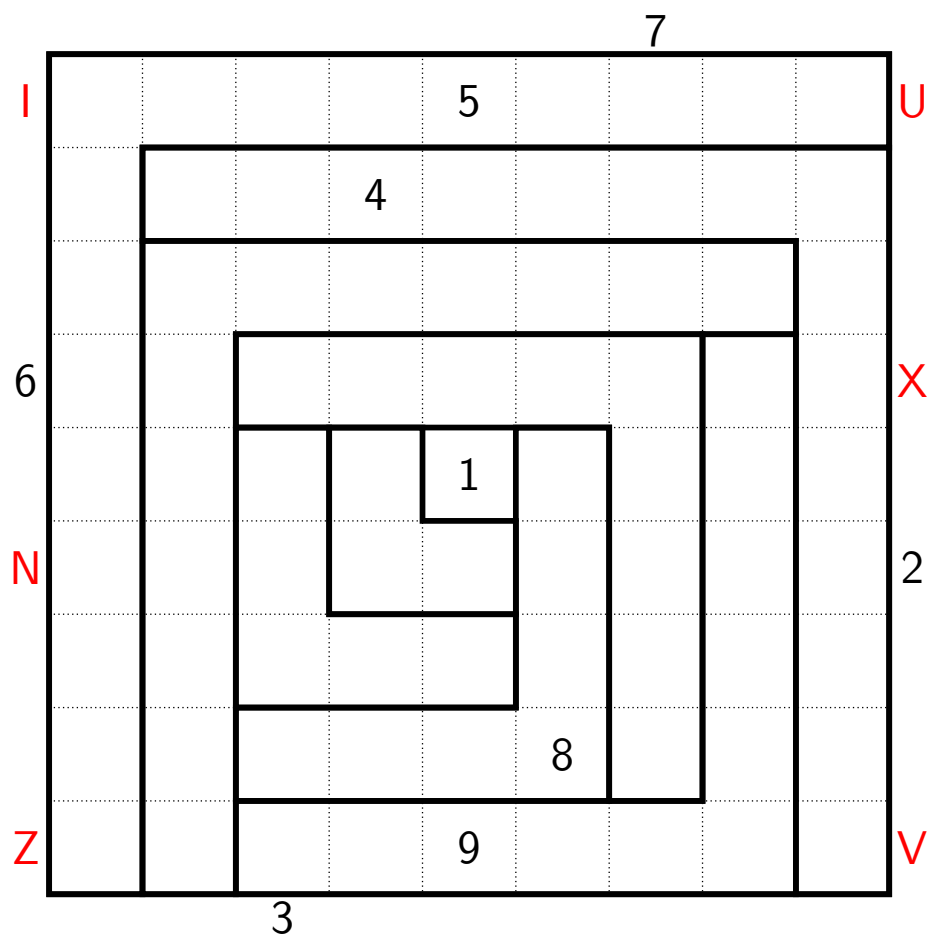
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:6}

hook 4 is too small for digit 8



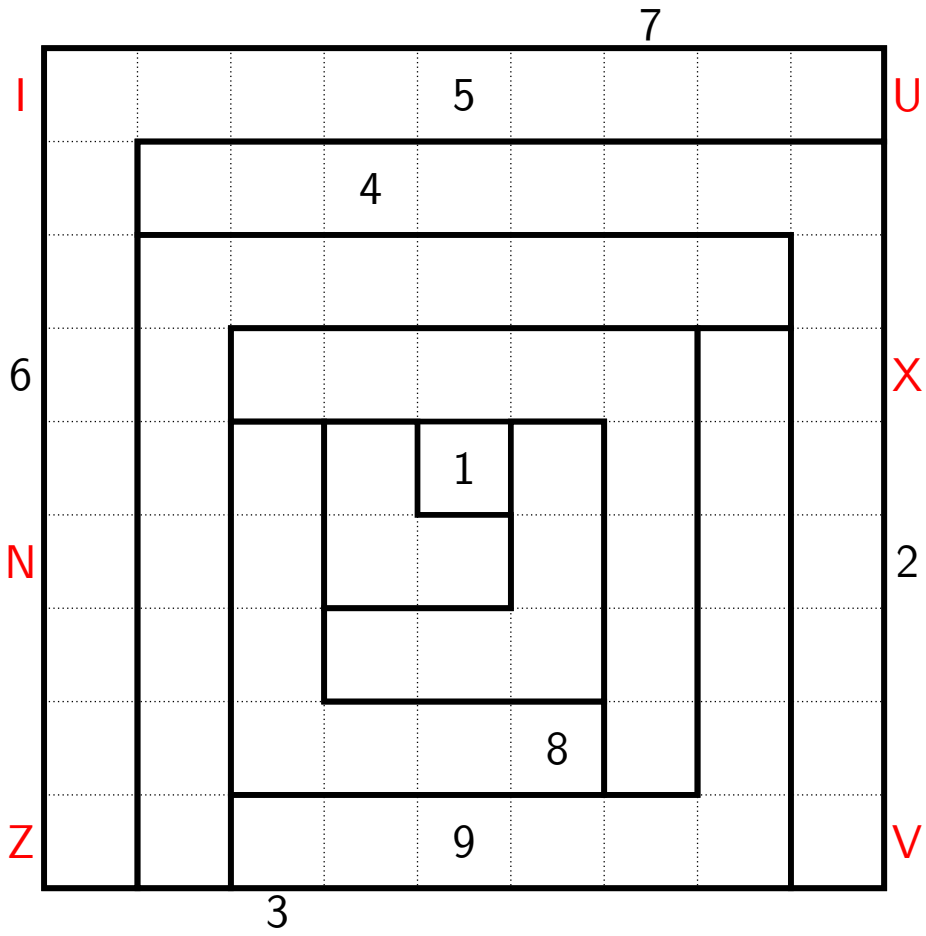
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:6}

hook 4 is too small for digit 8



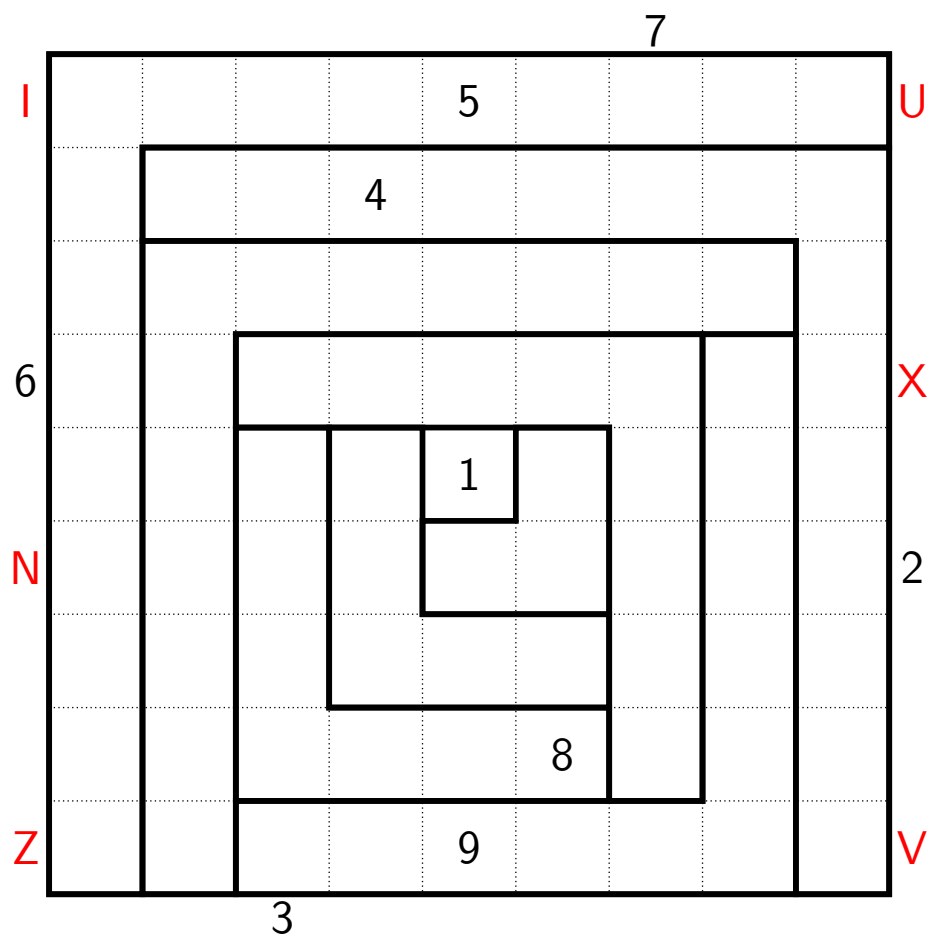
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:6}

hook 4 is too small for digit 8


$$\{1:1, 2:\square, 3:\square, 4:\square, 5:\square, 6:\square, 7:\square, 8:\square, 9:6\}$$

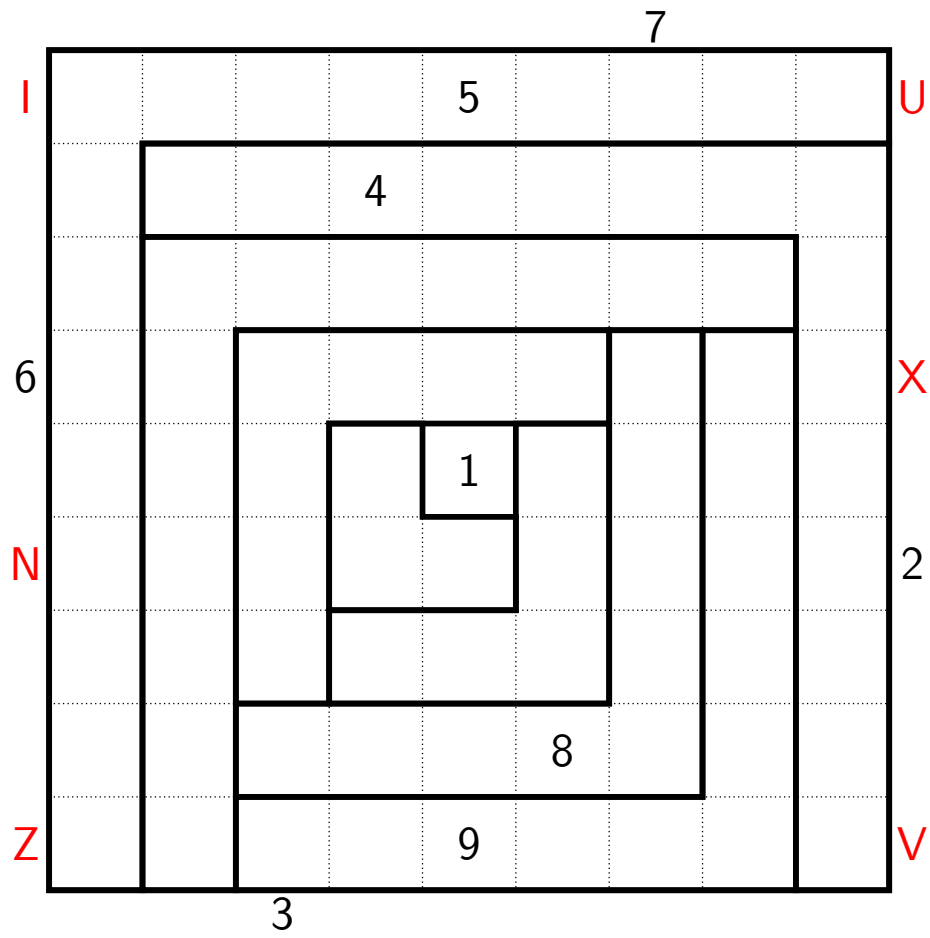
```
hook 4 is too small for digit 8
```





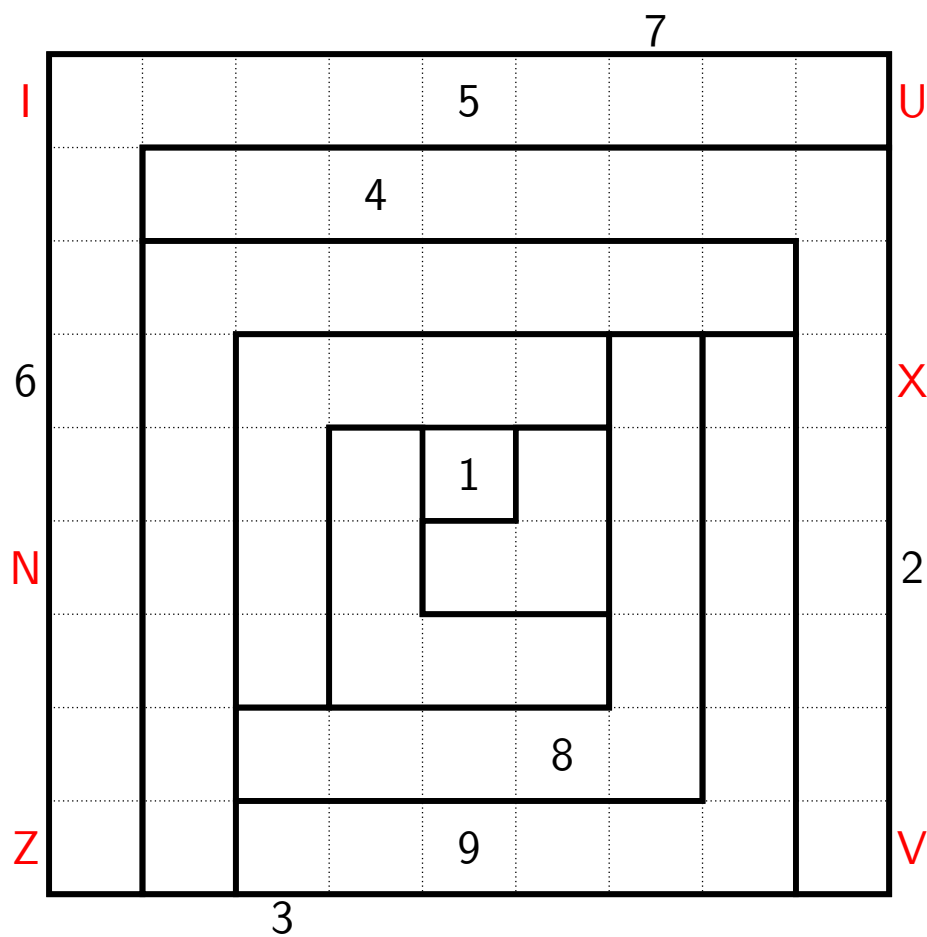
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:6}

hook 4 is too small for digit 8



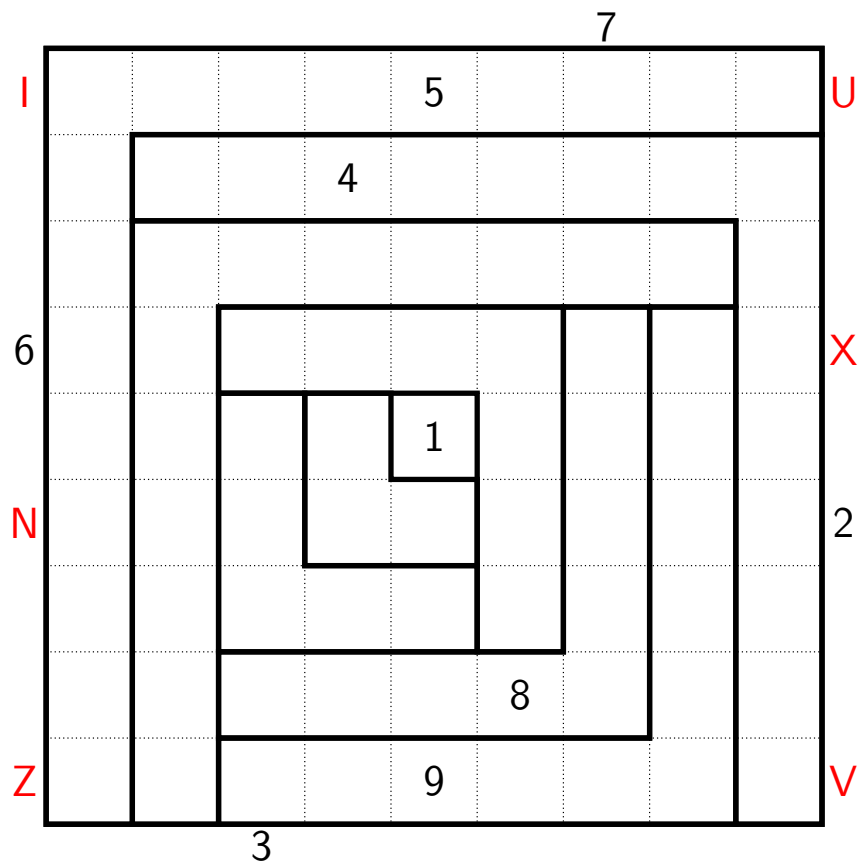
{1:1, 2:[2, 3], 3:4, 4:8, 5:9, 6:4, 7:7, 8:5, 9:6}

digits 3,6 are fighting over hook 4



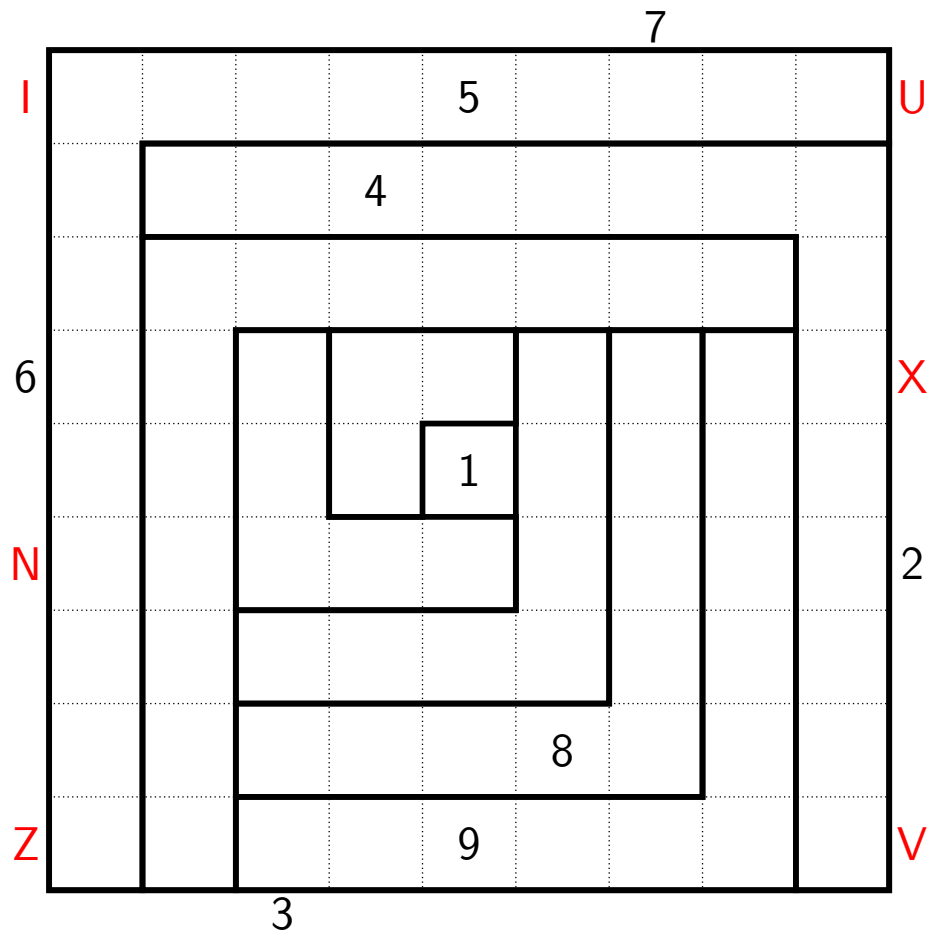
{1:1, 2:[2, 3], 3:4, 4:8, 5:9, 6:4, 7:7, 8:5, 9:6}

digits 3,6 are fighting over hook 4



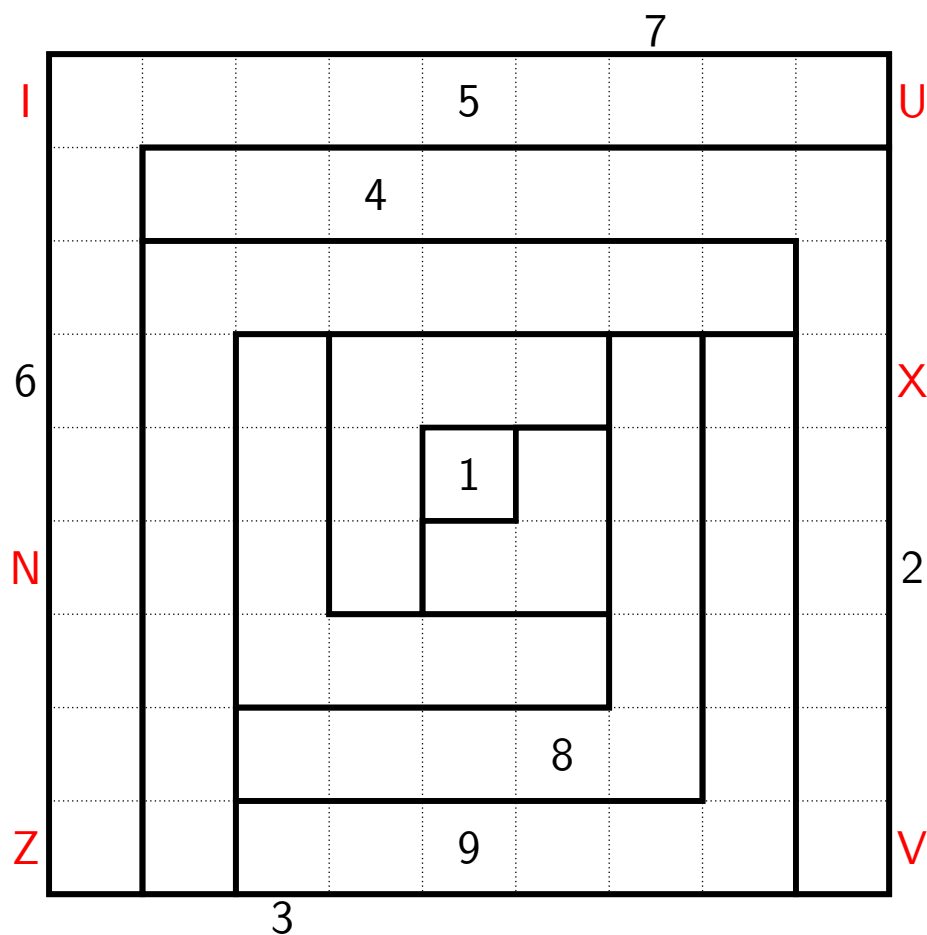
$-1 : 1, 2 : 2, 3 : 3, 4 : 8, 5 : 9, 6 : 4, 7 : 7, 8 : 5, 9 : 6''$

$-1 : 1, 2 : 2, 3 : 3, 4 : 8, 5 : 9, 6 : 4, 7 : 7, 8 : 5, 9 : 6''$



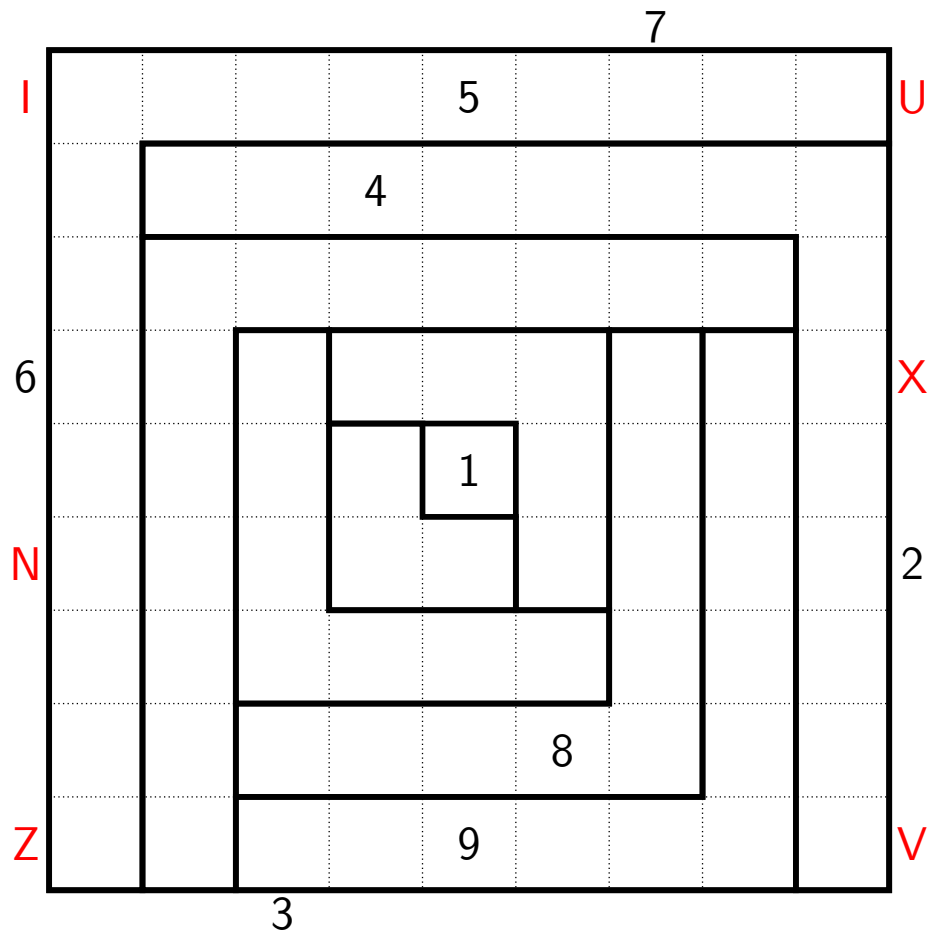
{1:1, 2:3, 3:3, 4:8, 5:9, 6:4, 7:7, 8:5, 9:6}

digits 2,3 are fighting over hook 3



{1:1, 2:[2, 3], 3:4, 4:8, 5:9, 6:4, 7:7, 8:5, 9:6}

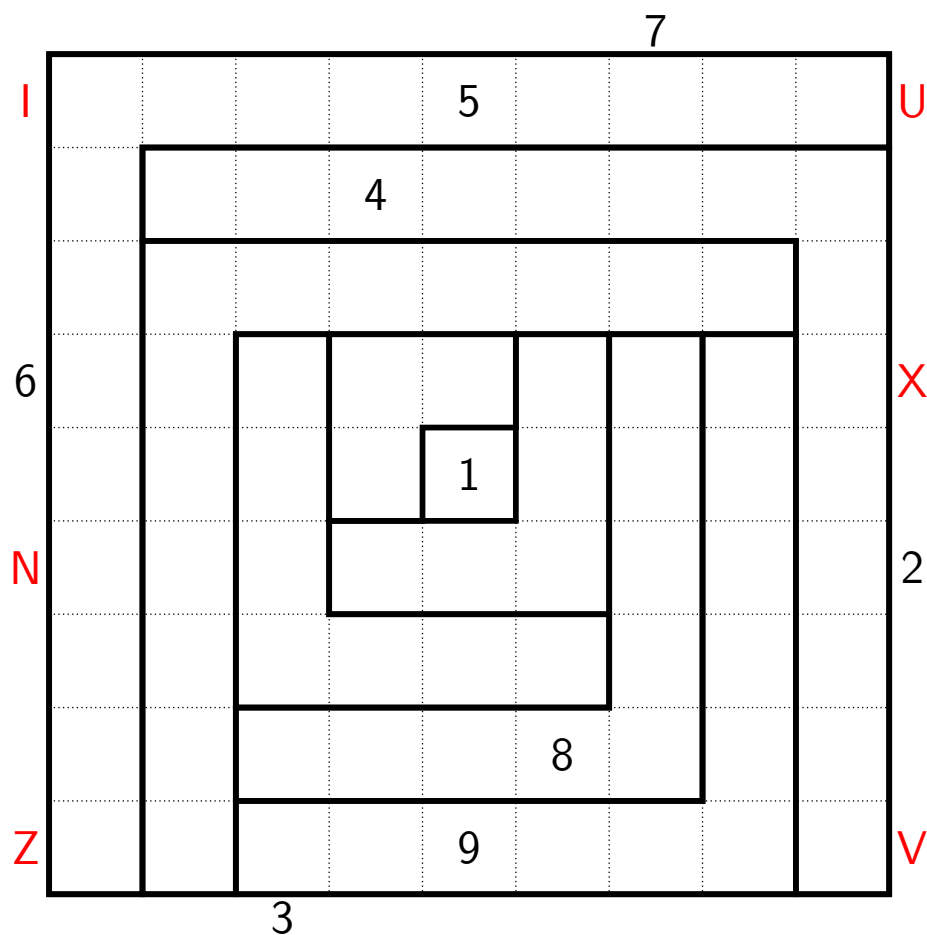
digits 3,6 are fighting over hook 4



{1:1, 2:[2, 3], 3:4, 4:8, 5:9, 6:4, 7:7, 8:5, 9:6}

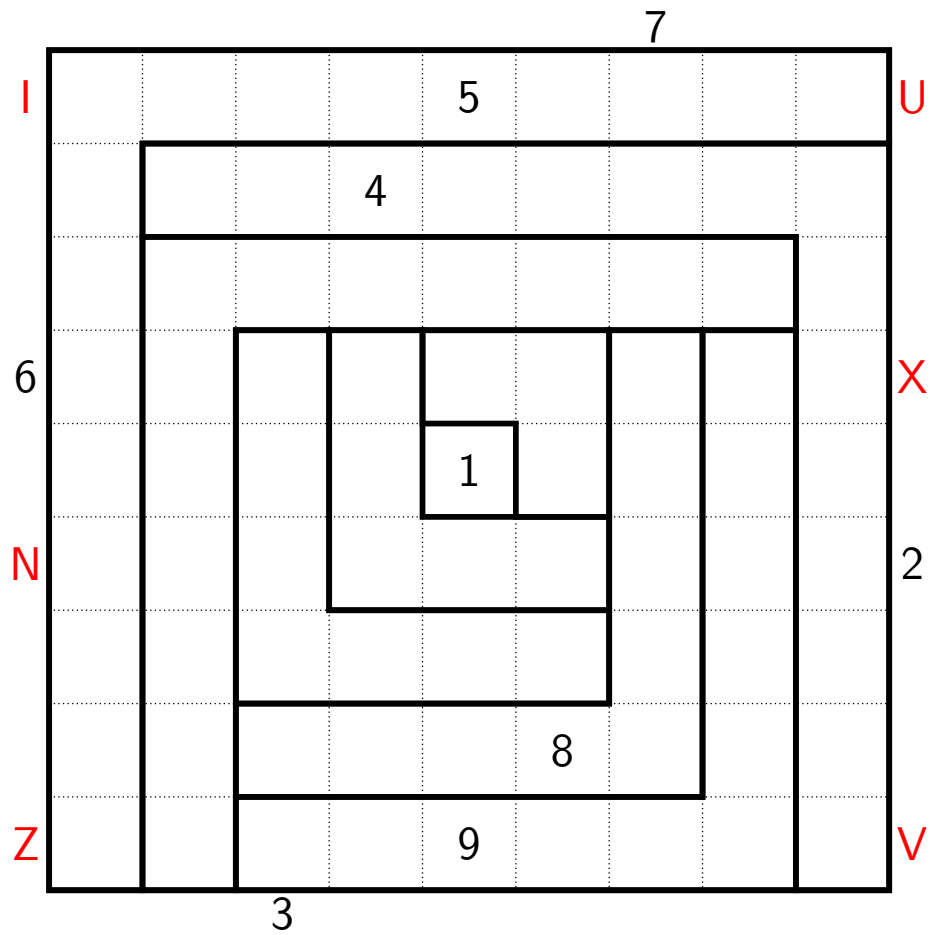
digits 3,6 are fighting over hook 4





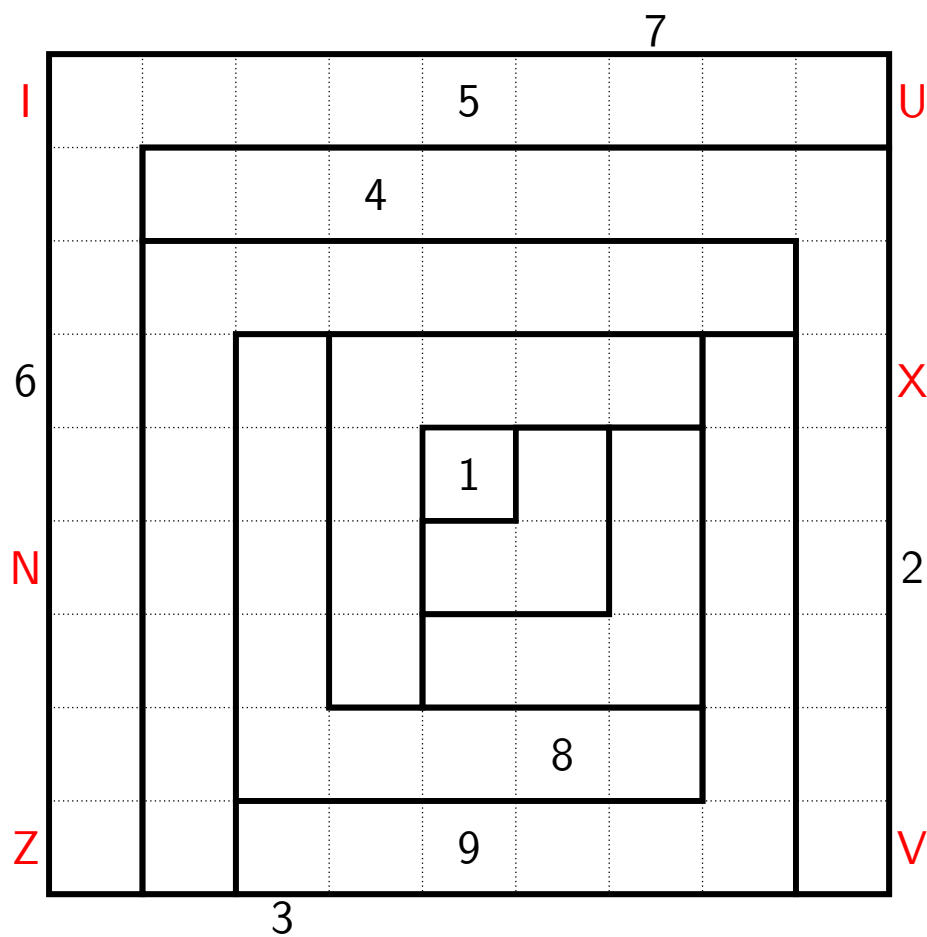
{1:1, 2:3, 3:4, 4:8, 5:9, 6:4, 7:7, 8:5, 9:6}

digits 3,6 are fighting over hook 4



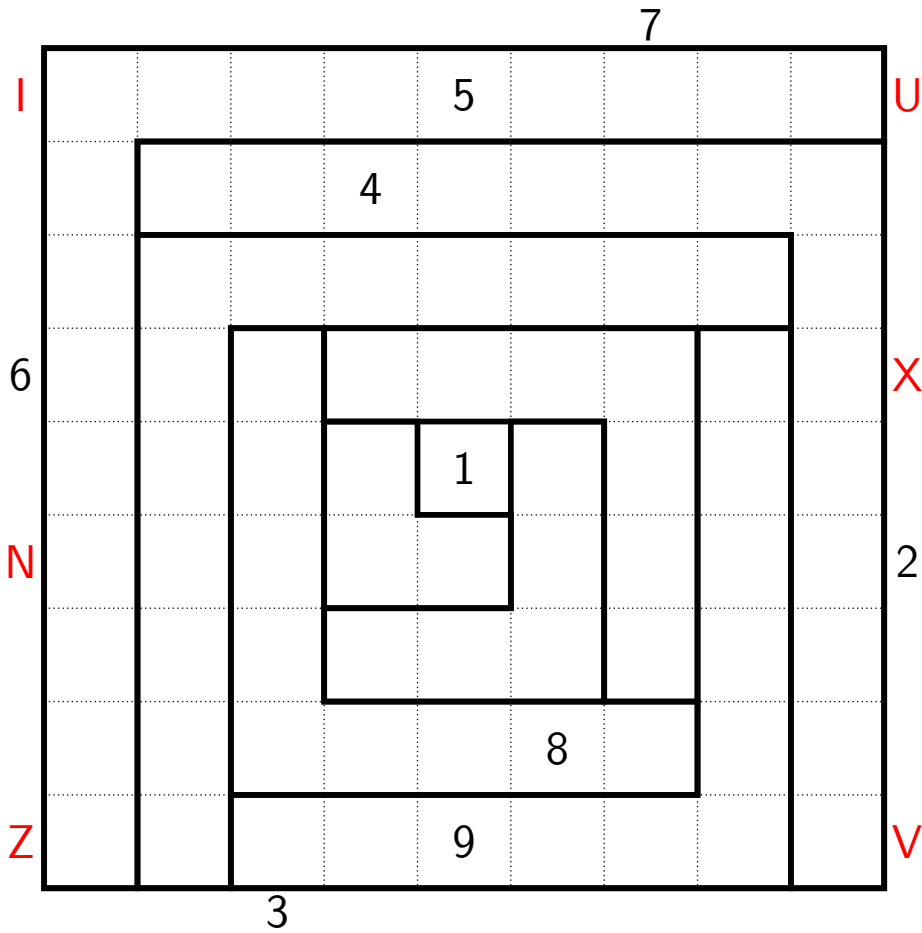
{1:1, 2:3, 3:4, 4:8, 5:9, 6:4, 7:7, 8:5, 9:6}

digits 3,6 are fighting over hook 4



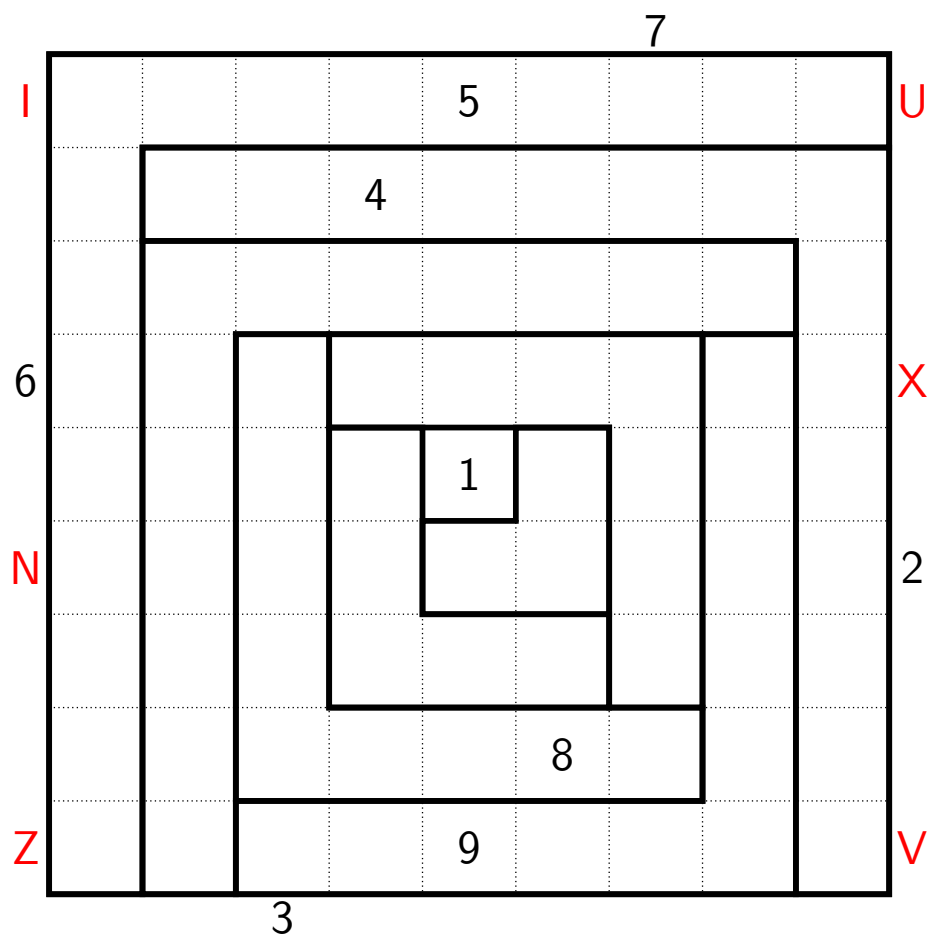
{1:1, 2:[2, 3], 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}

digit(s) 7 cannot be assigned to any hook



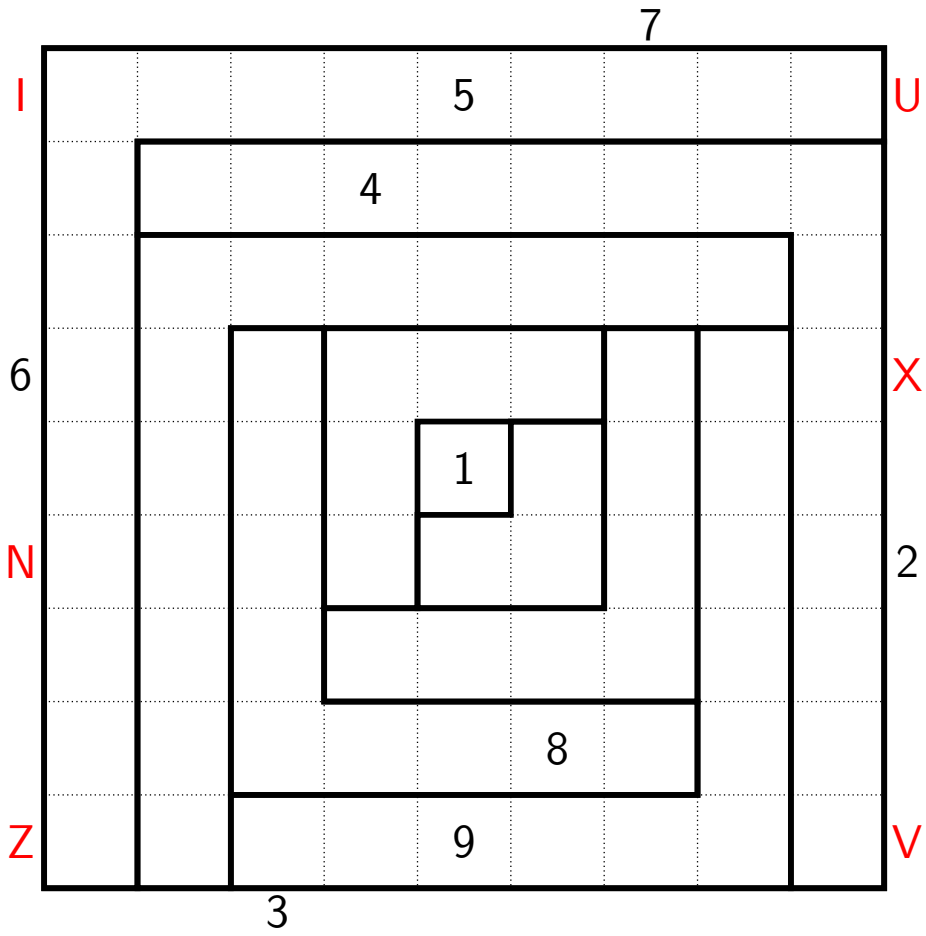
```
{1:1, 2:[2, 3], 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}
```

digit(s) 7 cannot be assigned to any hook



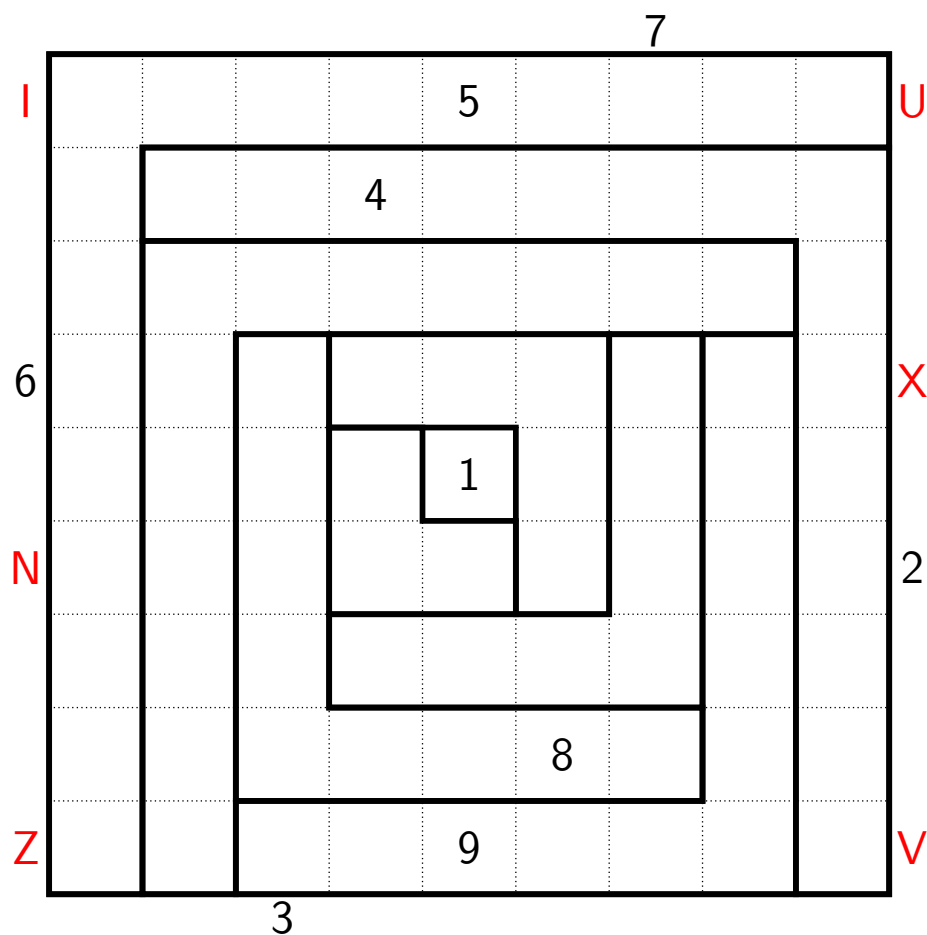
{1:1, 2:[2, 3], 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}

digit(s) 7 cannot be assigned to any hook



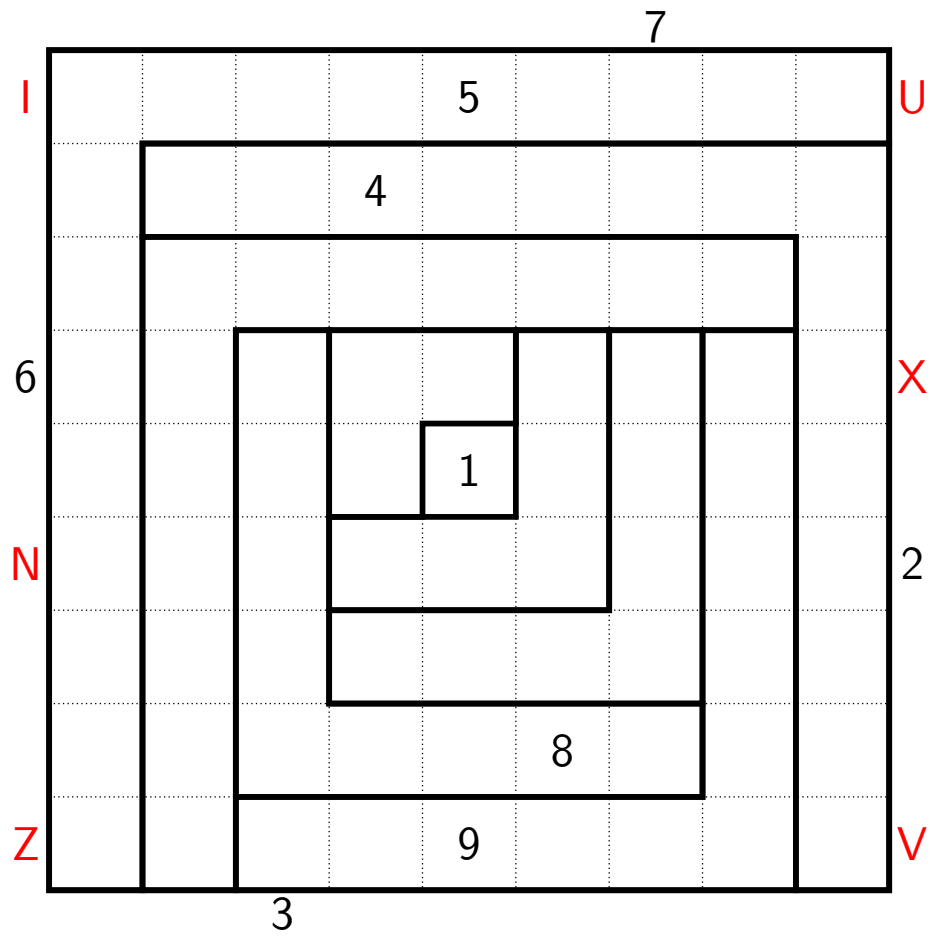
```
{1:1, 2:[2, 3], 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}
```

```
digit(s) 7 cannot be assigned to any hook
```



{1:1, 2:[2, 3], 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}

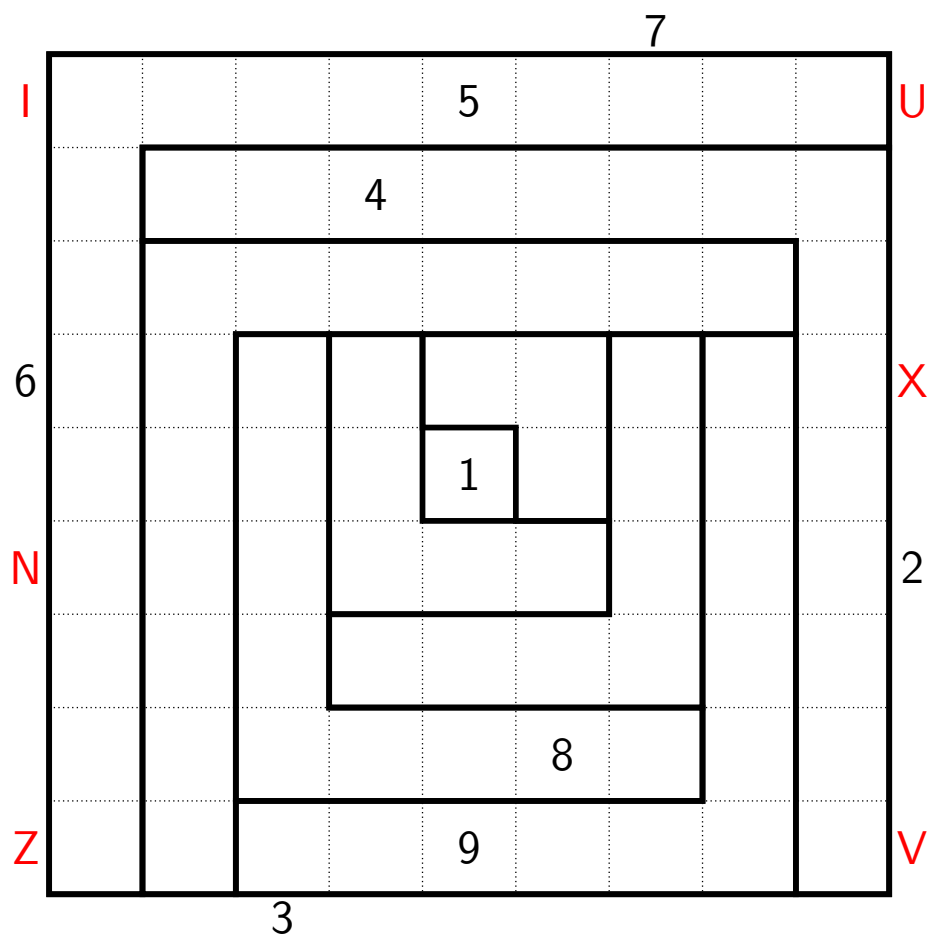
digit(s) 7 cannot be assigned to any hook



{1:1, 2:3, 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}

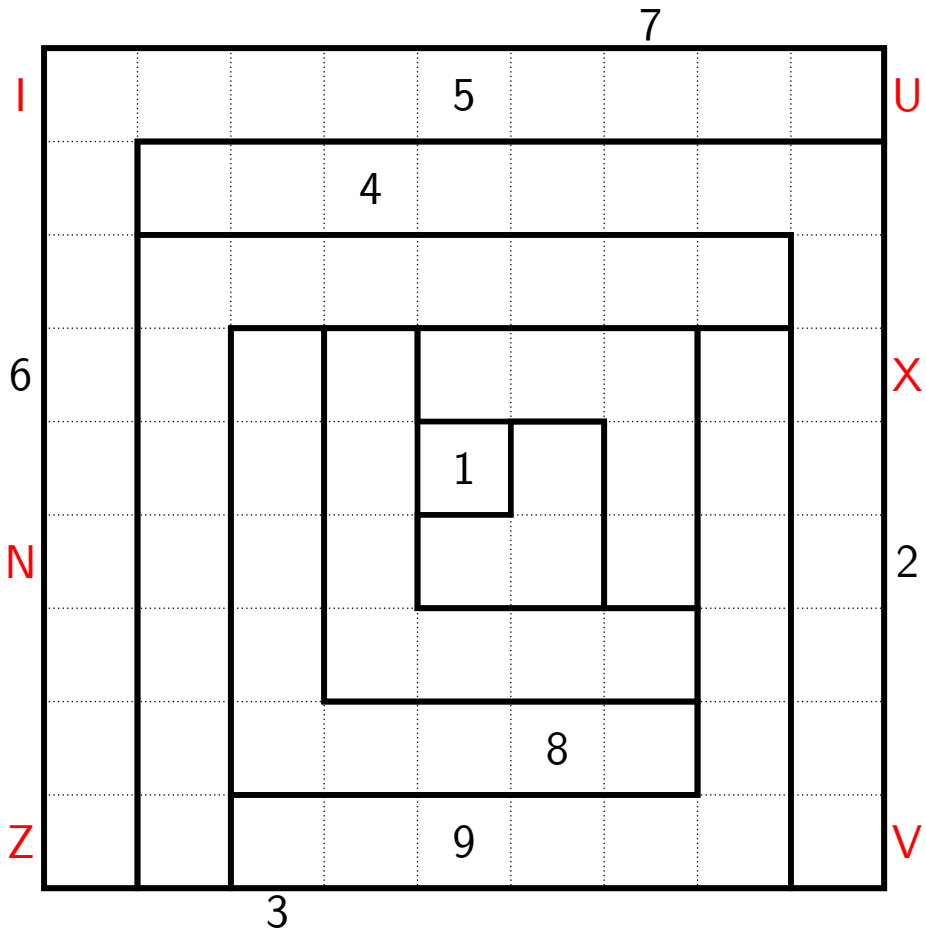
digit(s) 7 cannot be assigned to any hook





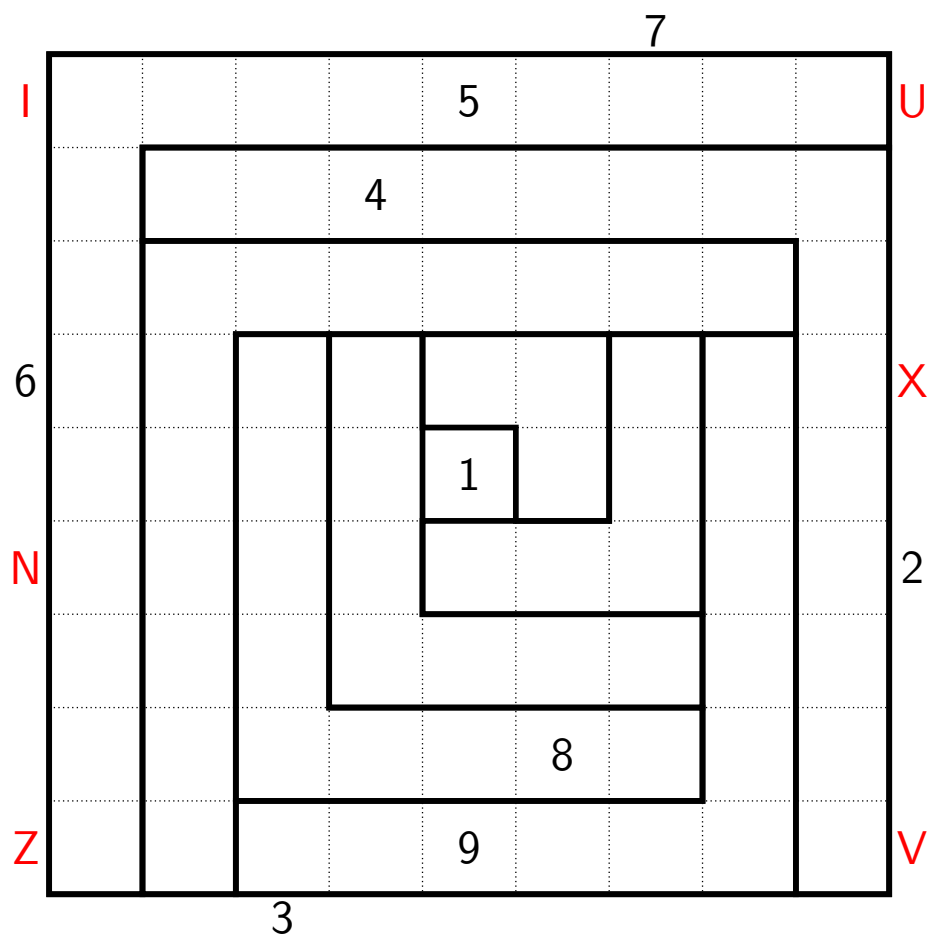
{1:1, 2:3, 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}

digit(s) 7 cannot be assigned to any hook



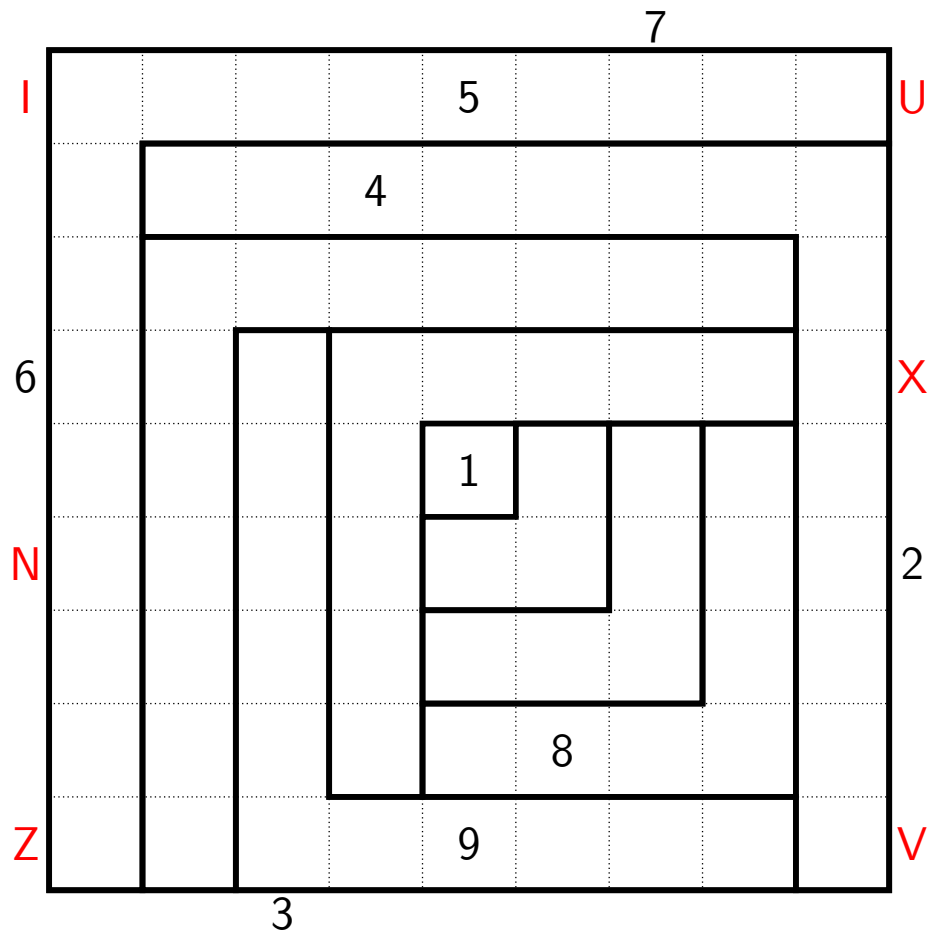
```
{1:1, 2:[2, 3], 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}
```

digit(s) 7 cannot be assigned to any hook



{1:1, 2:3, 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}

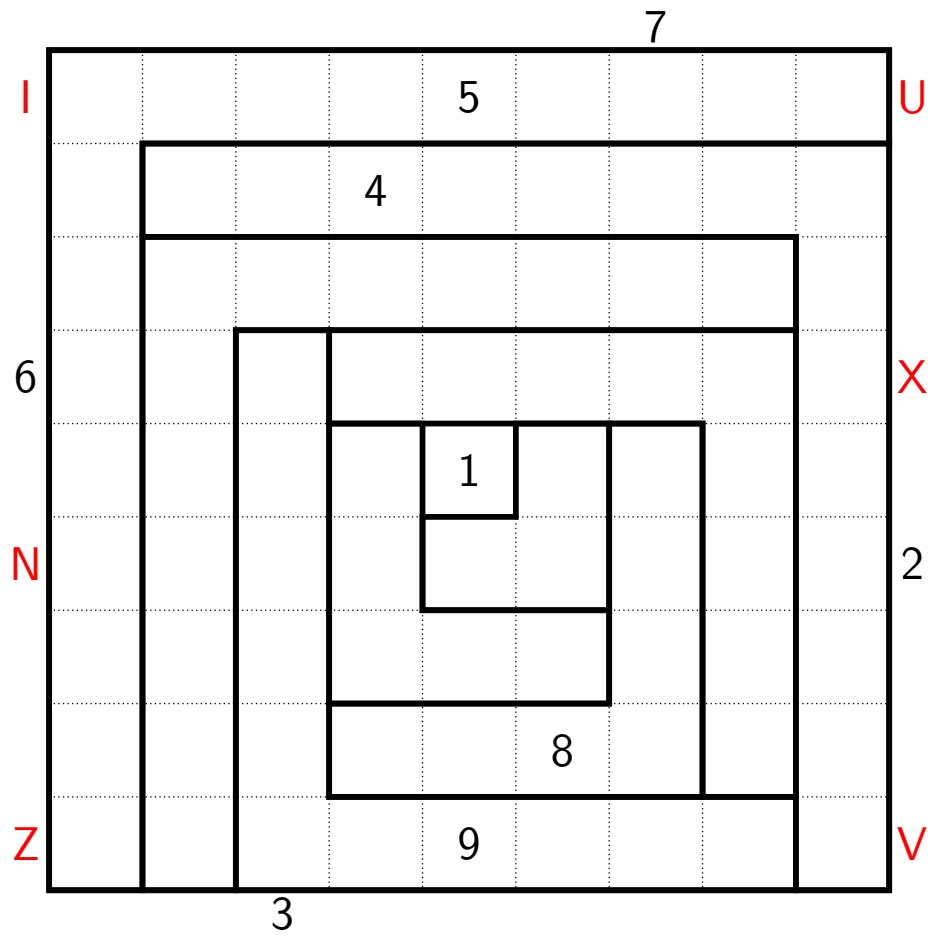
digit(s) 7 cannot be assigned to any hook



{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:6}

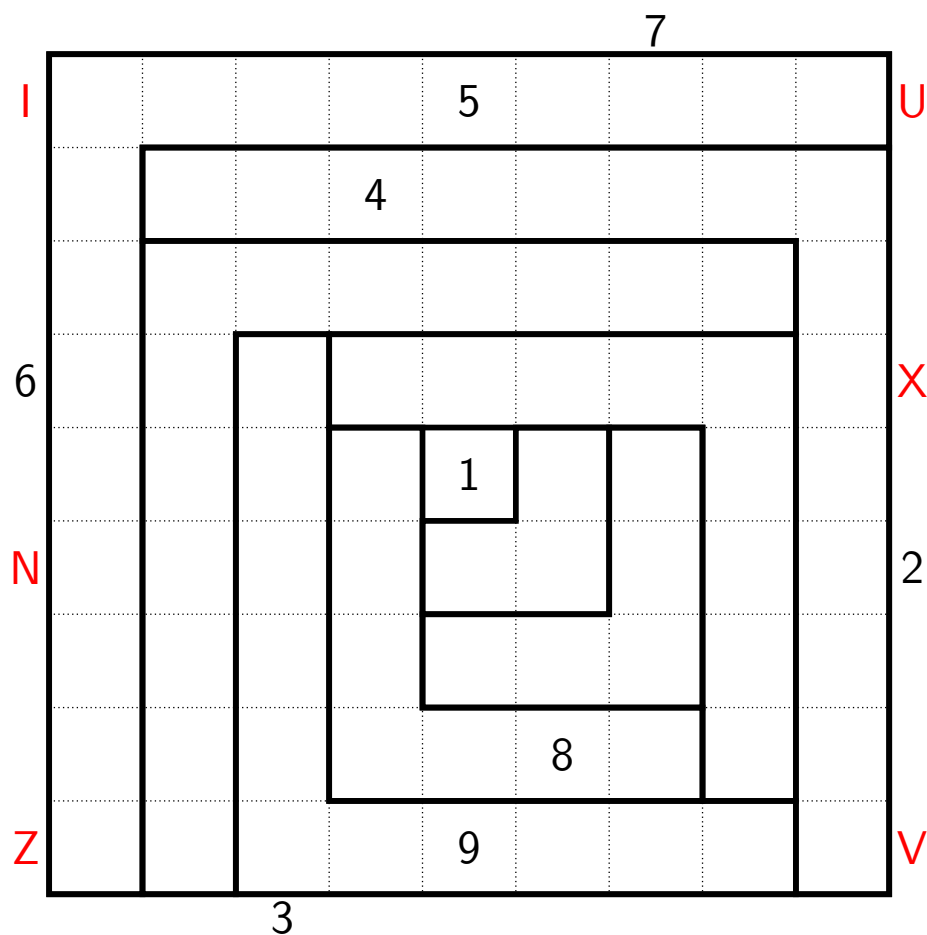
hook 4 is too small for digit 8

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hook 4 is too small for digit 8
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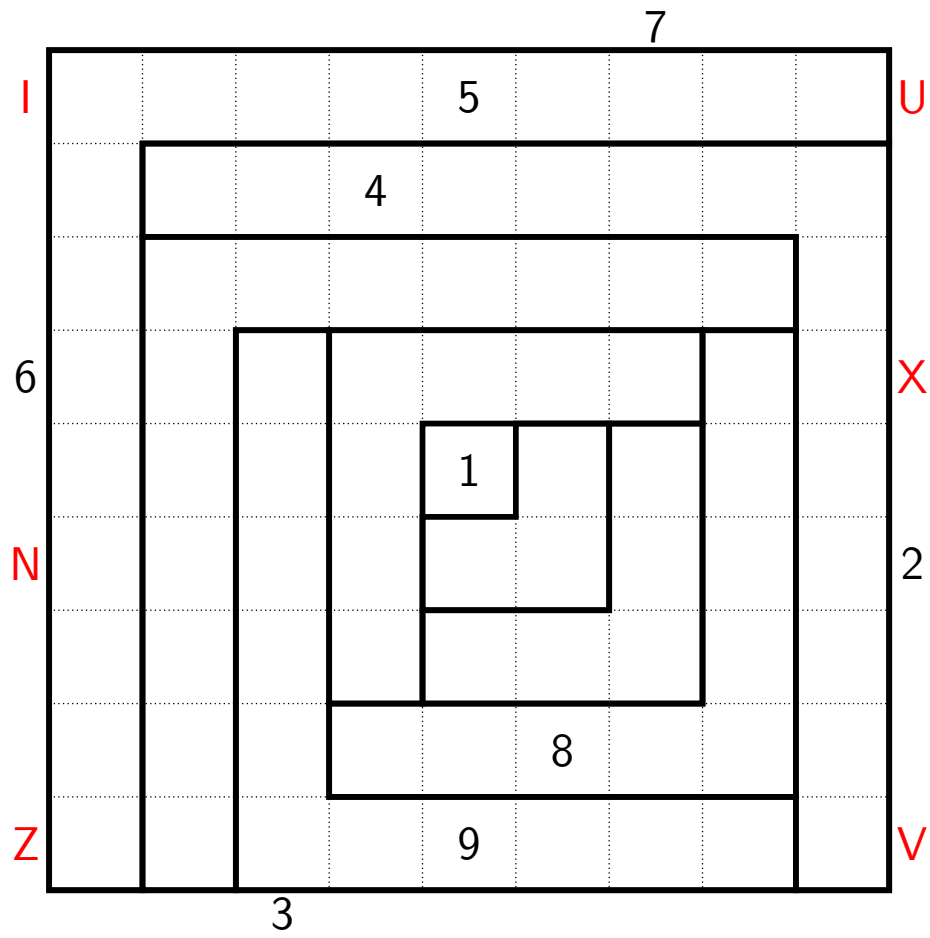
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:6}

hook 4 is too small for digit 8



{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:6}

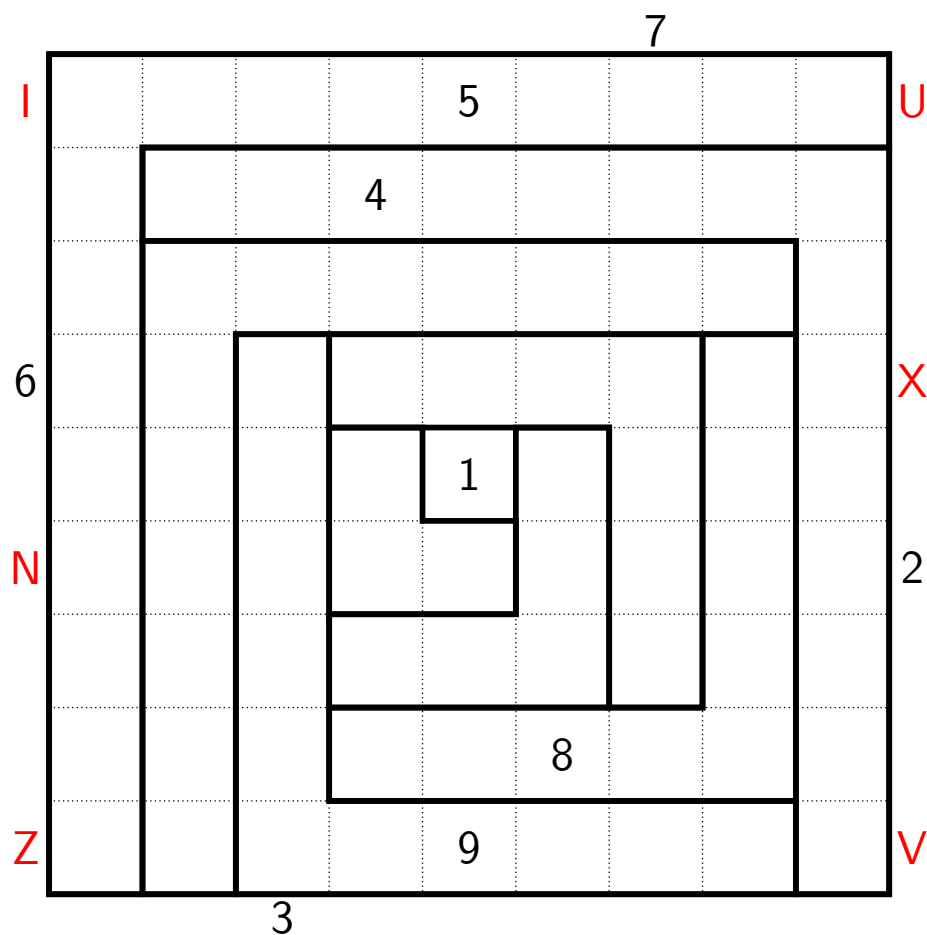
hook 4 is too small for digit 8



{1:1, 2:[2, 3], 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}

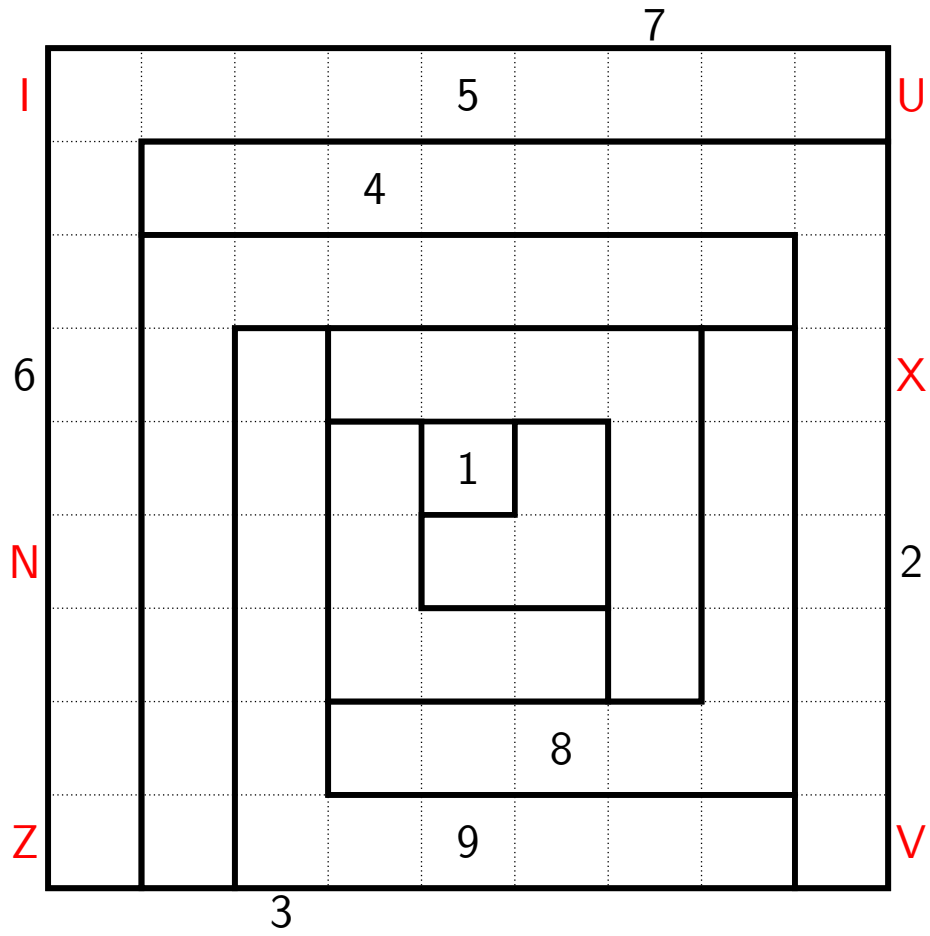
digit(s) 7 cannot be assigned to any hook





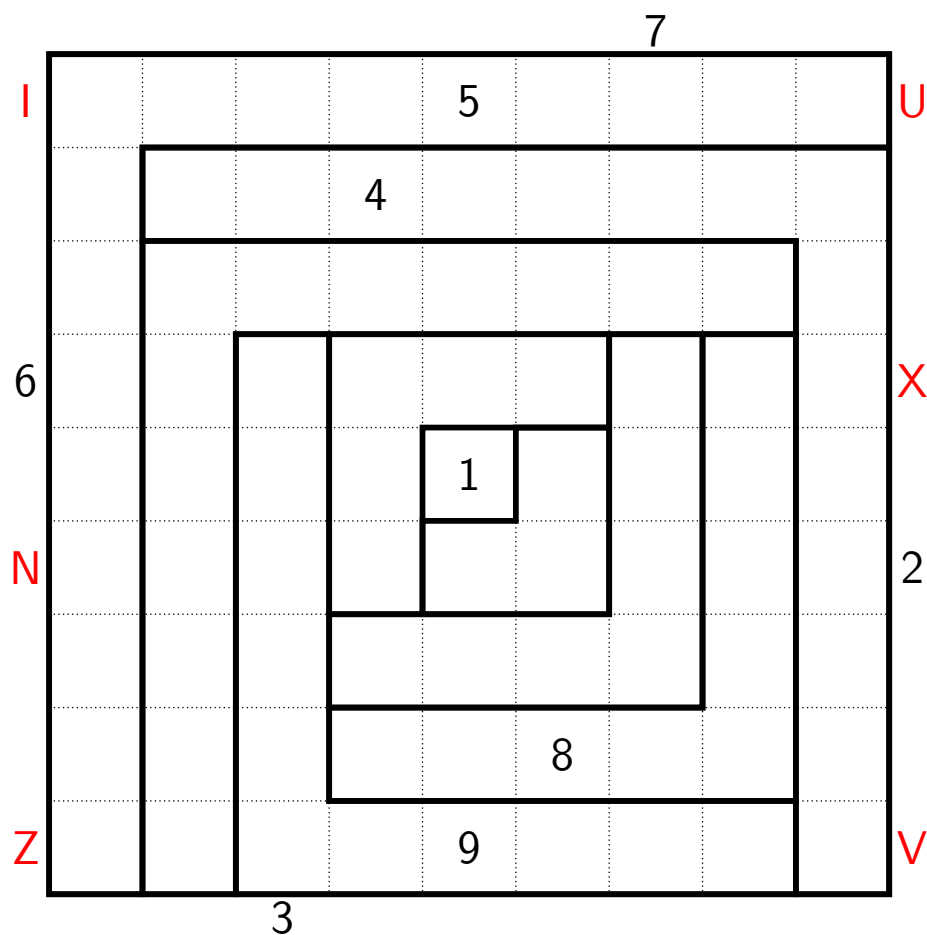
{1:1, 2:[2, 3], 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}

digit(s) 7 cannot be assigned to any hook



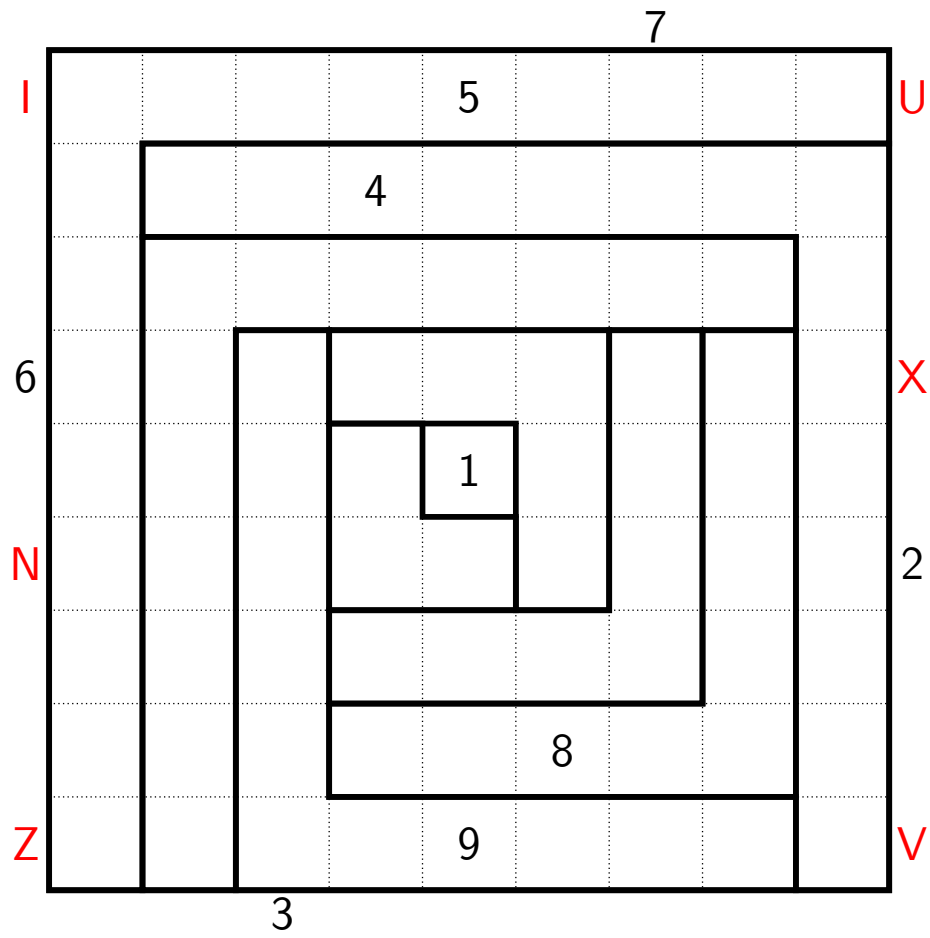
```
{1:1, 2:[2, 3], 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}
```

digit(s) 7 cannot be assigned to any hook



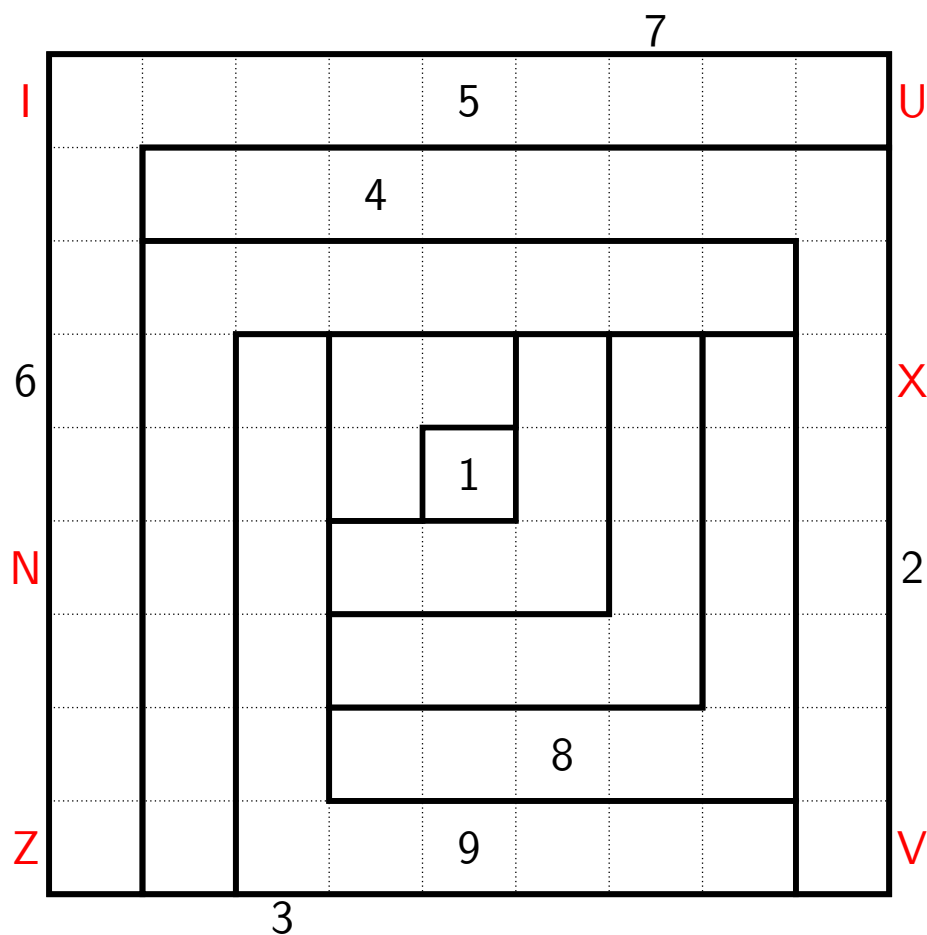
{1:1, 2:[2, 3], 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}

digit(s) 7 cannot be assigned to any hook



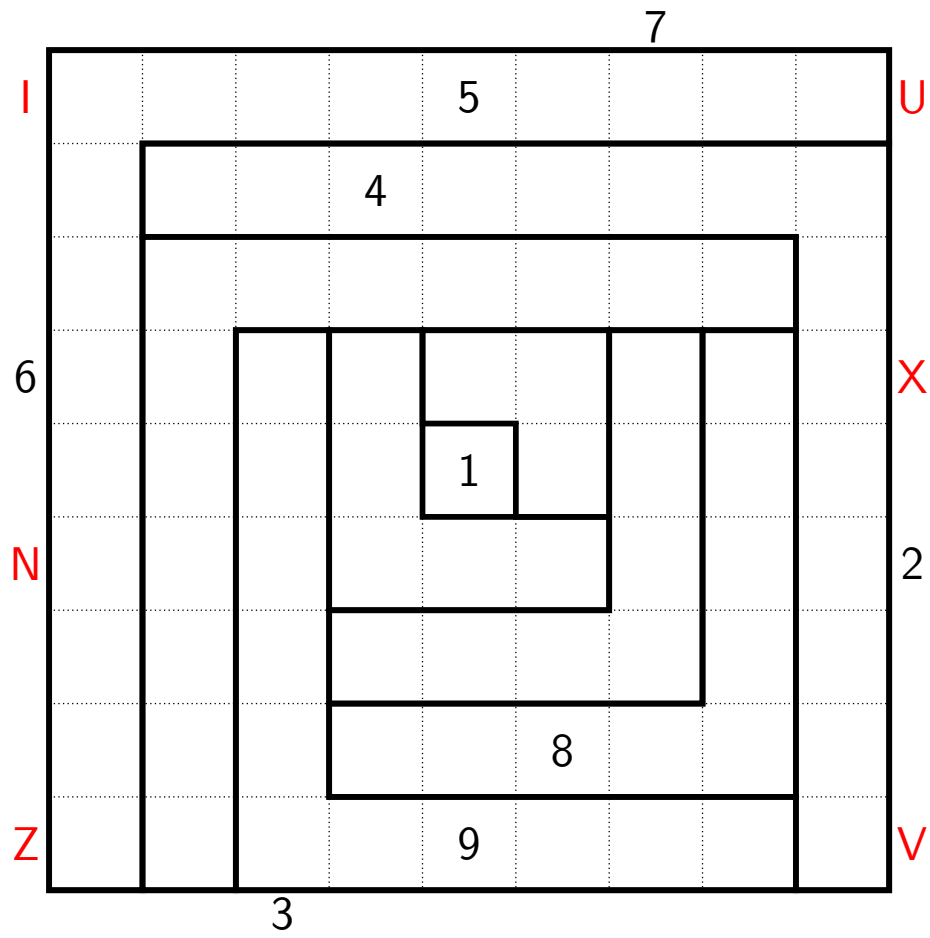
{1:1, 2:[2, 3], 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}

digit(s) 7 cannot be assigned to any hook



{1:1, 2:3, 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}

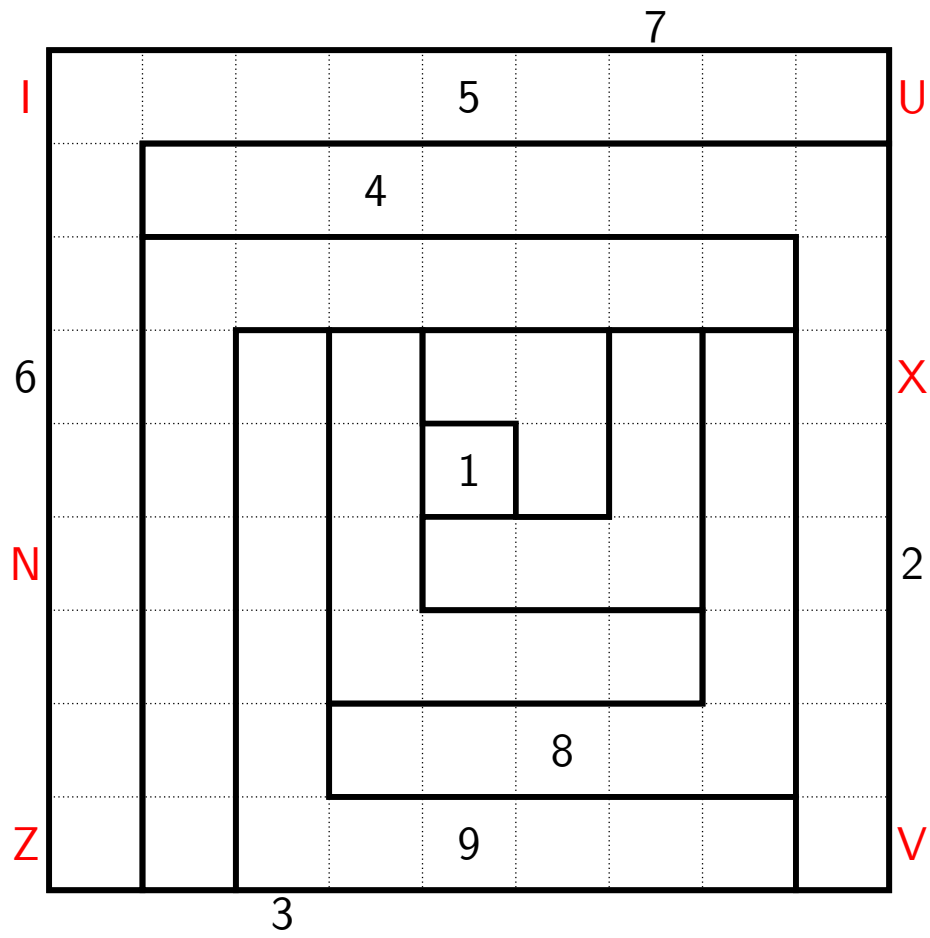
digit(s) 7 cannot be assigned to any hook



{1:1, 2:3, 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}

digit(s) 7 cannot be assigned to any hook

digit(s) 7 cannot be assigned to any hook

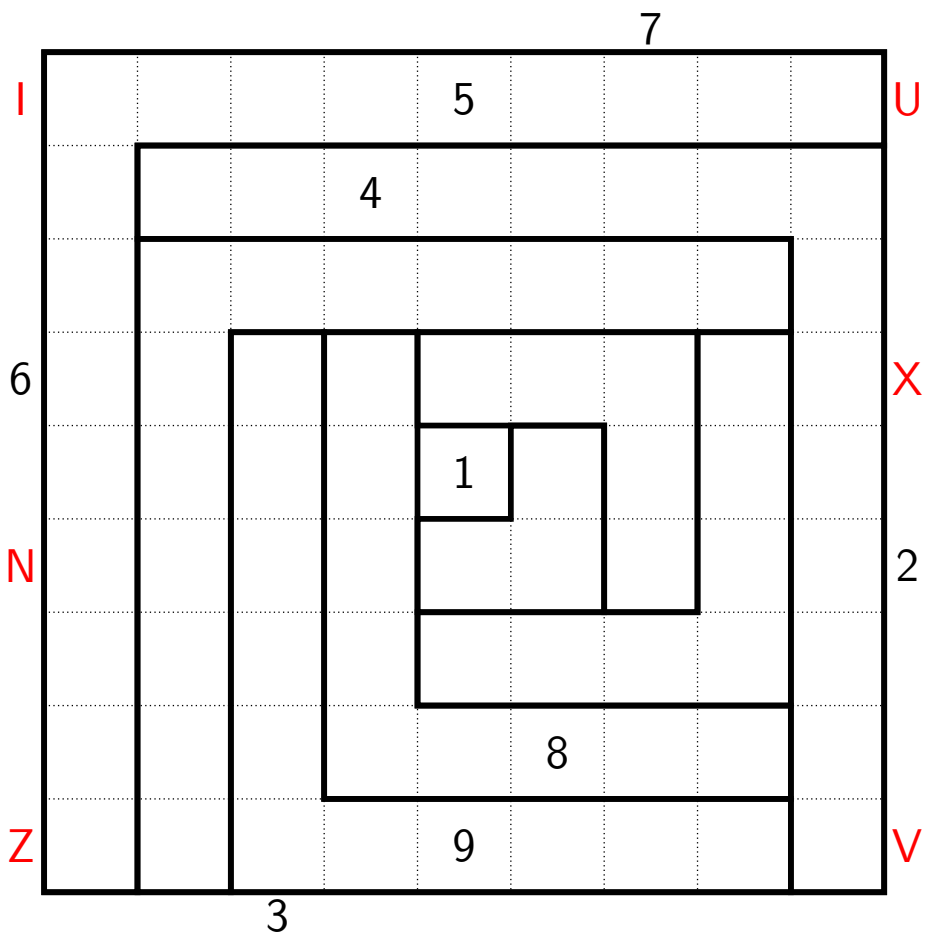


{1:1, 2:3, 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}

digit(s) 7 cannot be assigned to any hook

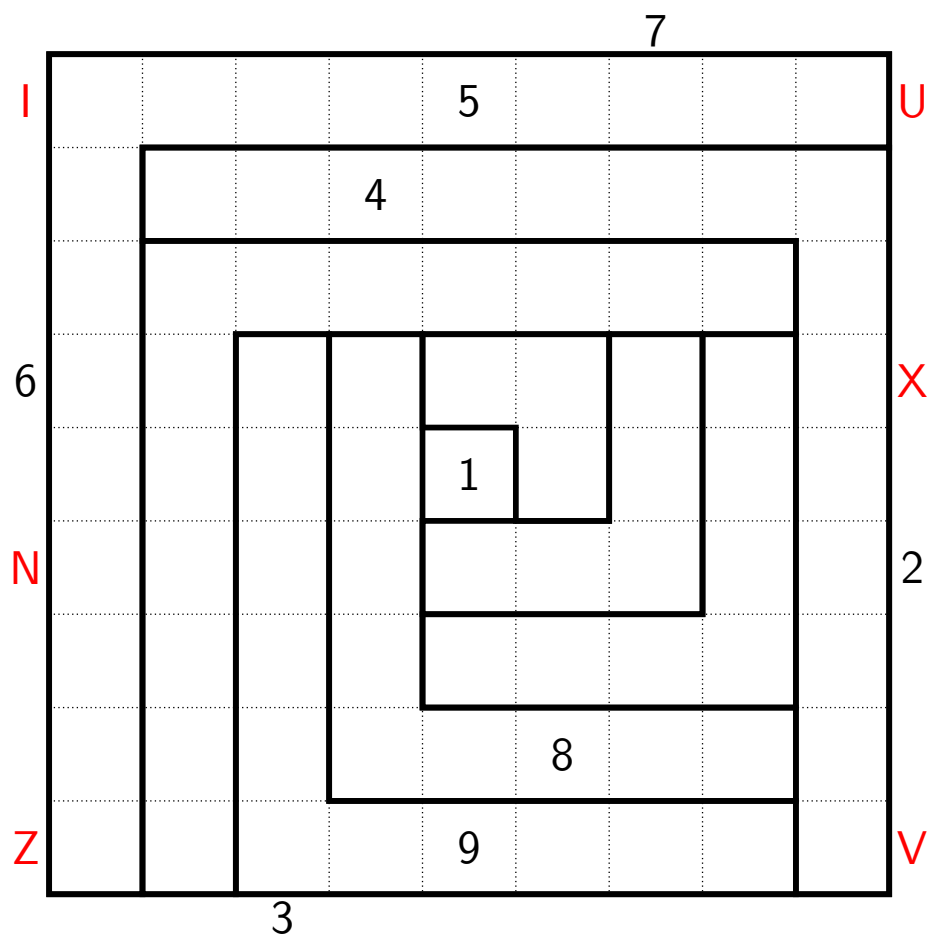


```
digit(s) 7 cannot be assigned to any hook
```



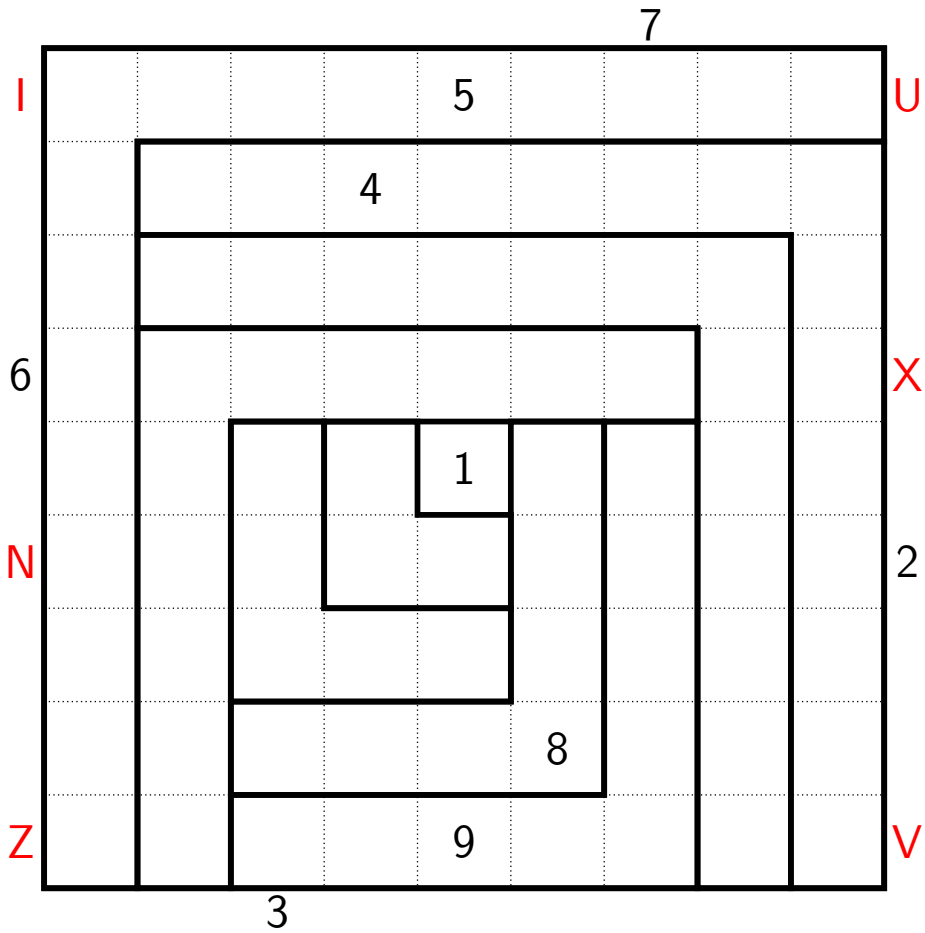
```
{1:1, 2:[2, 3], 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}
```

digit(s) 7 cannot be assigned to any hook



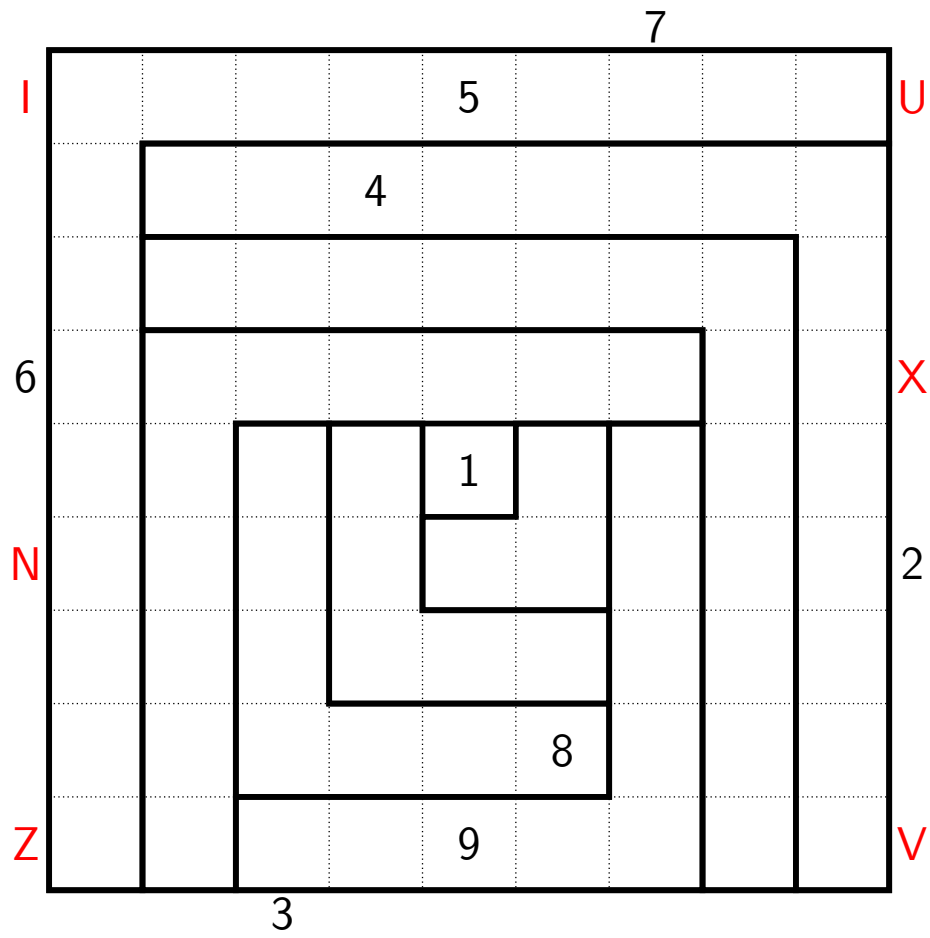
{1:1, 2:3, 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}

digit(s) 7 cannot be assigned to any hook


$$\{1:1, 2:\square, 3:\square, 4:\square, 5:\square, 6:\square, 7:\square, 8:\square, 9:5\}$$

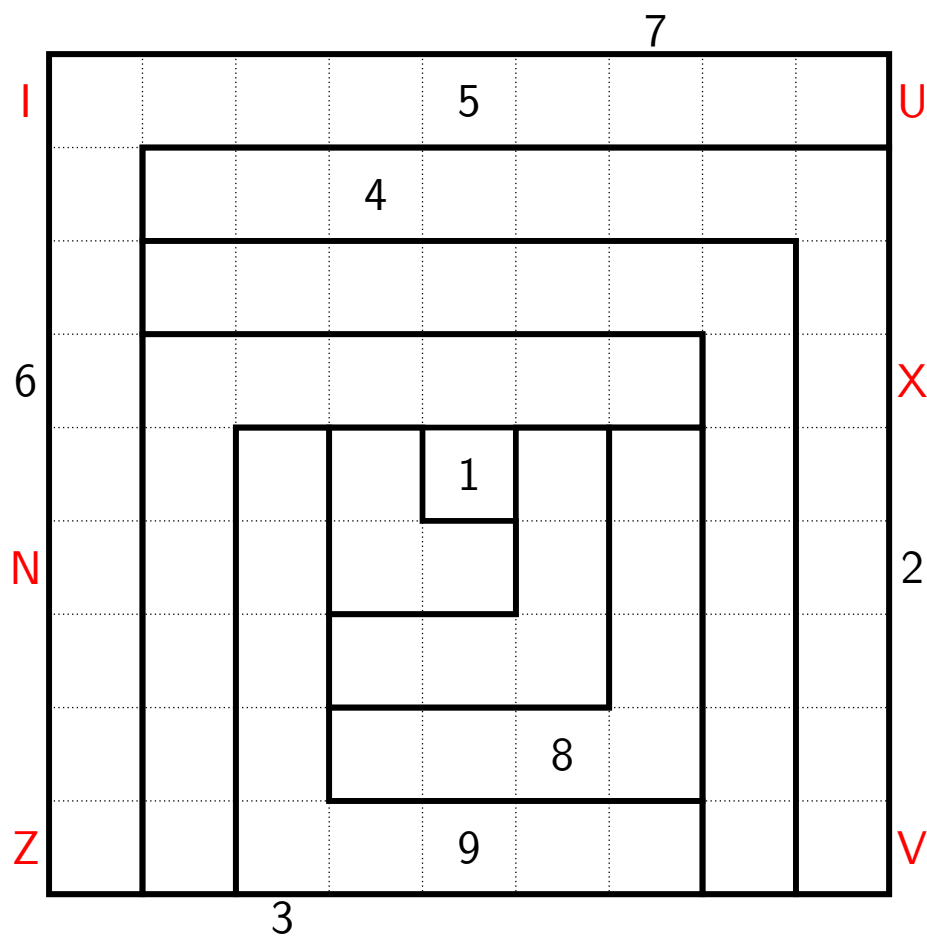
```
hook 4 is too small for digit 8
```

```
hook 4 is too small for digit 8
```



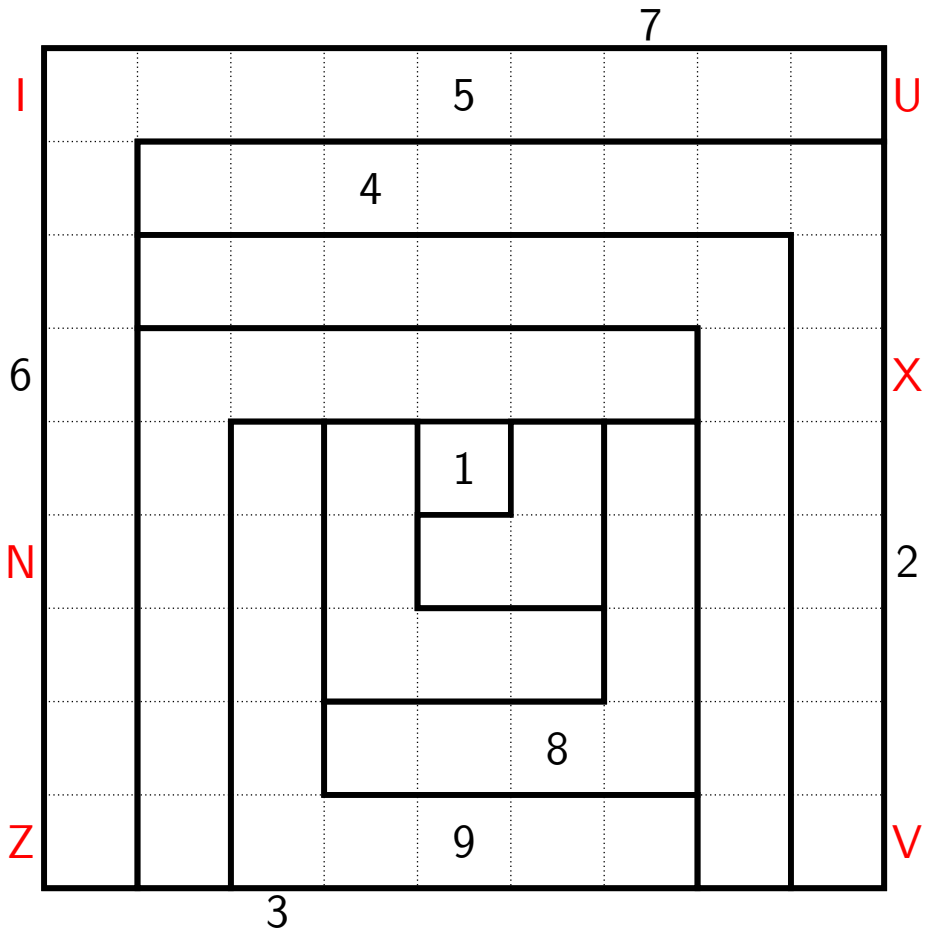
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:5}

hook 4 is too small for digit 8



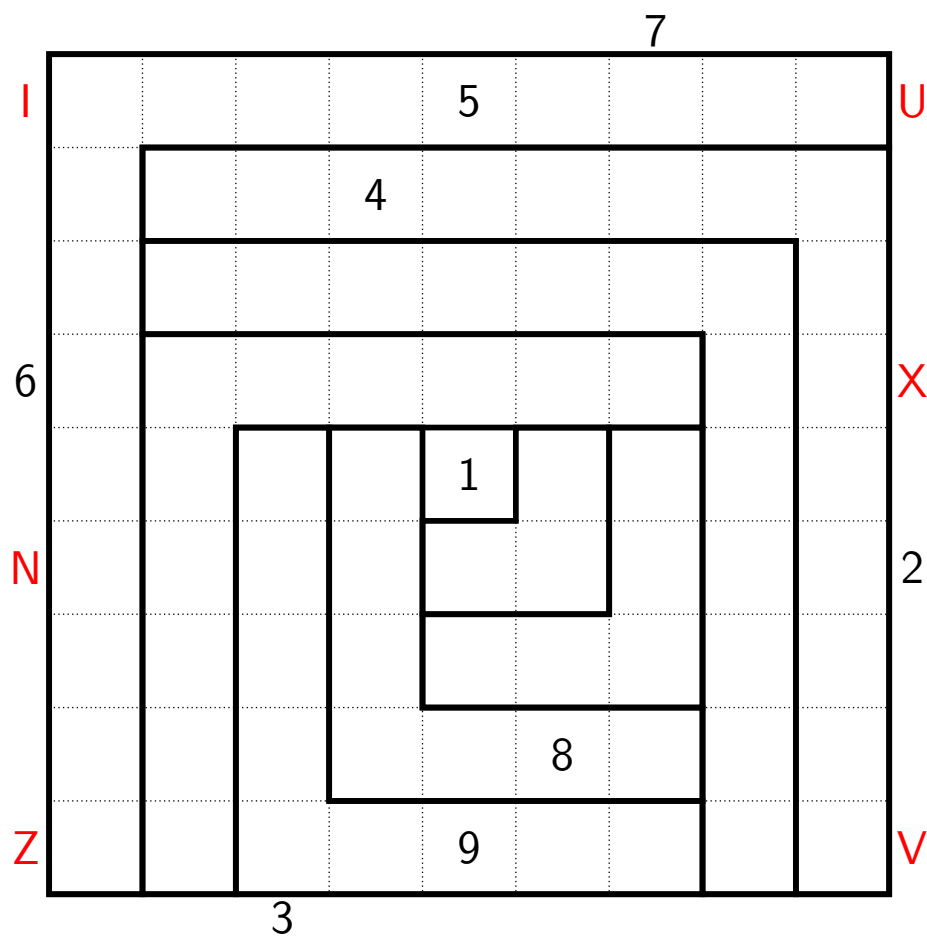
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:5}

hook 4 is too small for digit 8


$$\{1:1, 2:\square, 3:\square, 4:\square, 5:\square, 6:\square, 7:\square, 8:\square, 9:5\}$$

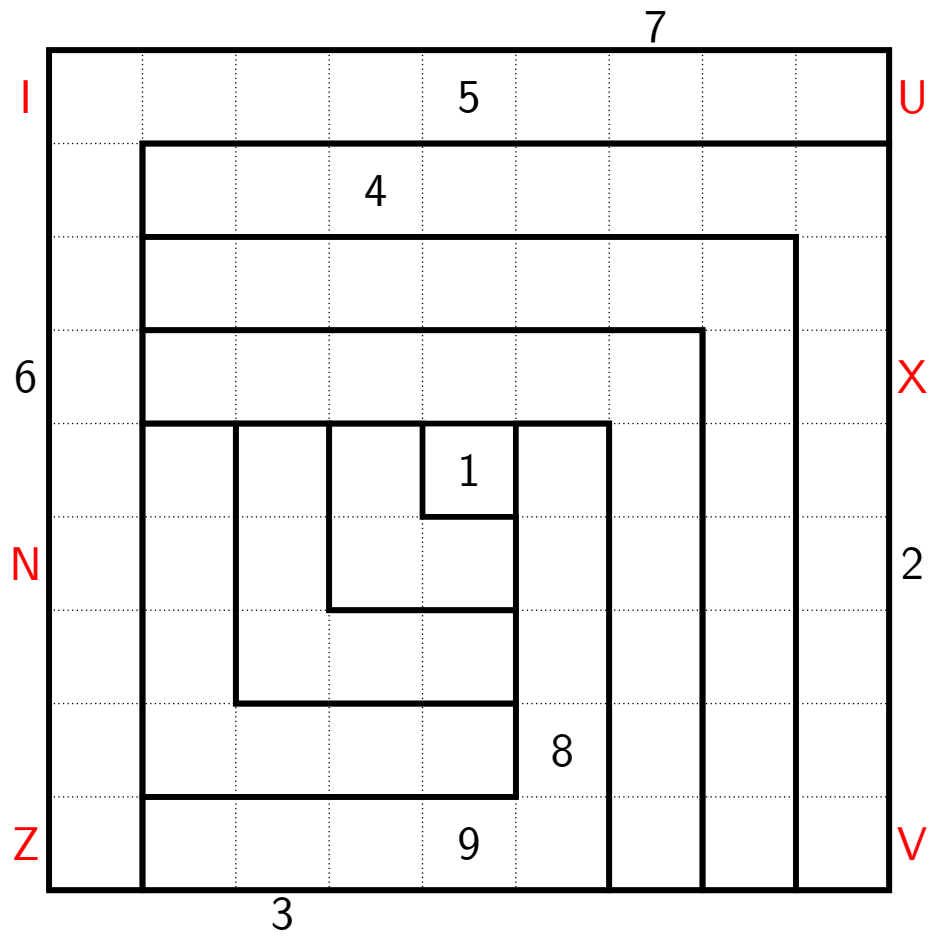
```
hook 4 is too small for digit 8
```





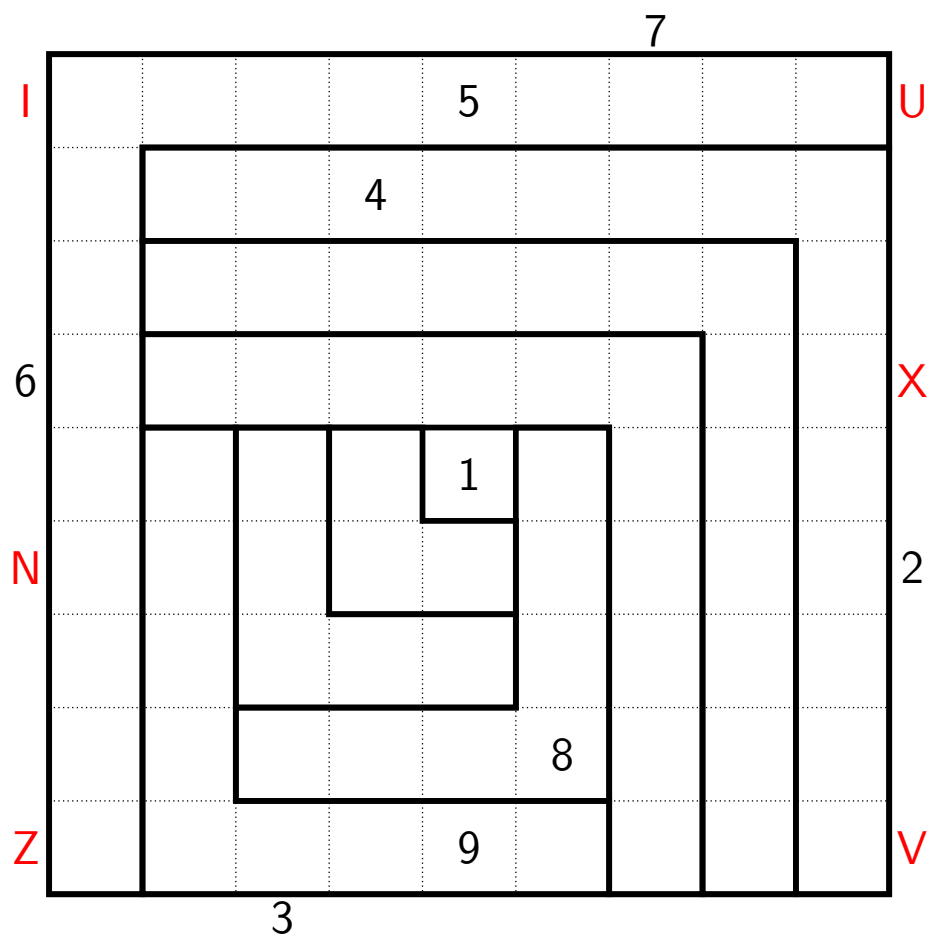
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:5}

hook 4 is too small for digit 8



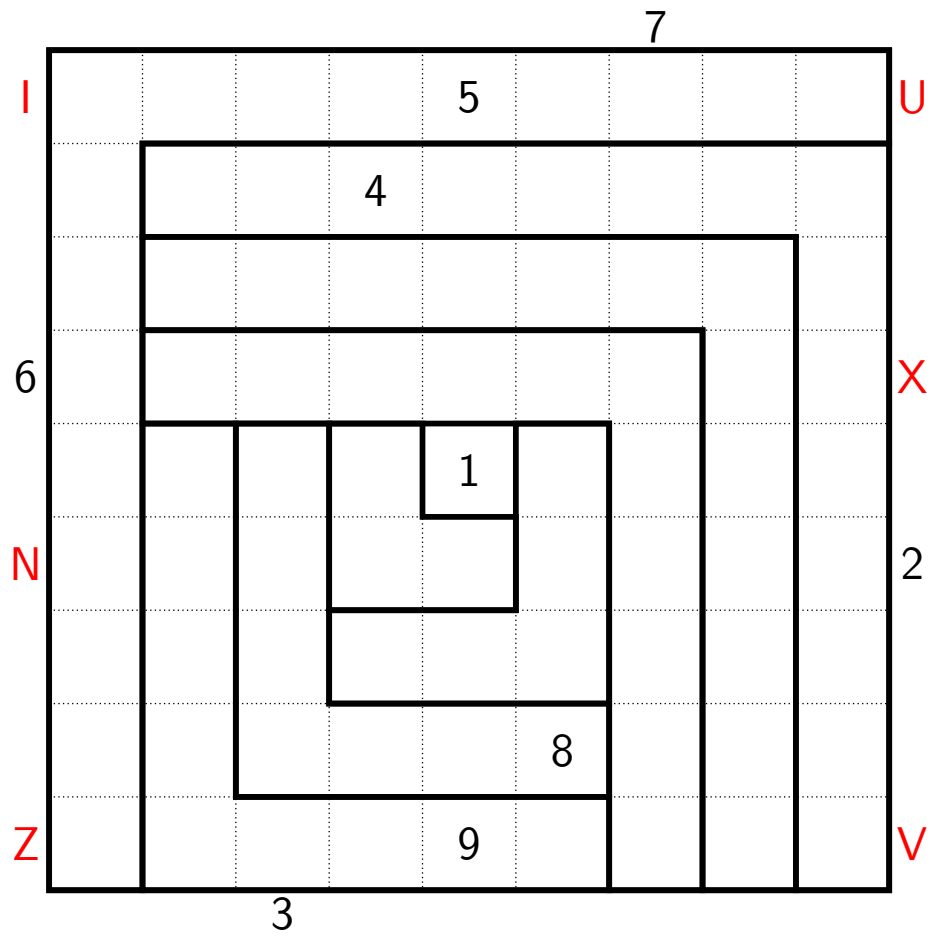
{1:1, 2:□, 3:□, 4:8, 5:9, 6:□, 7:□, 8:5, 9:5}

digits 8,9 are fighting over hook 5



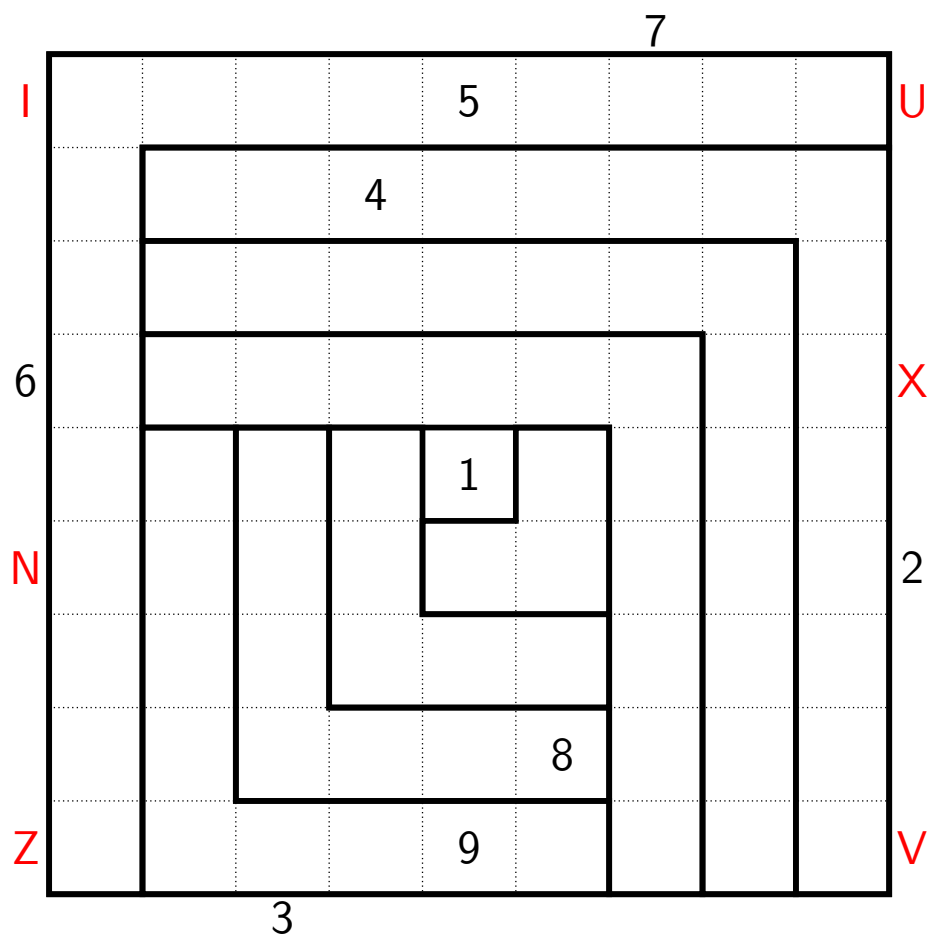
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:5}

hook 4 is too small for digit 8



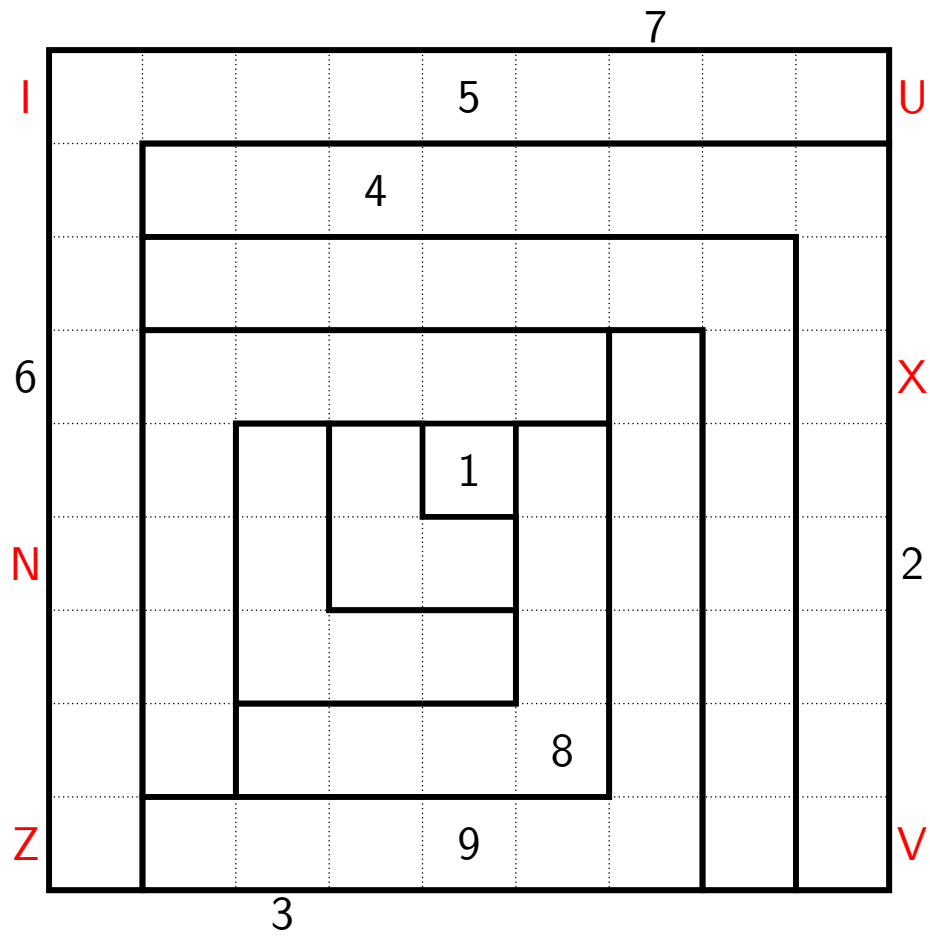
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:5}

hook 4 is too small for digit 8



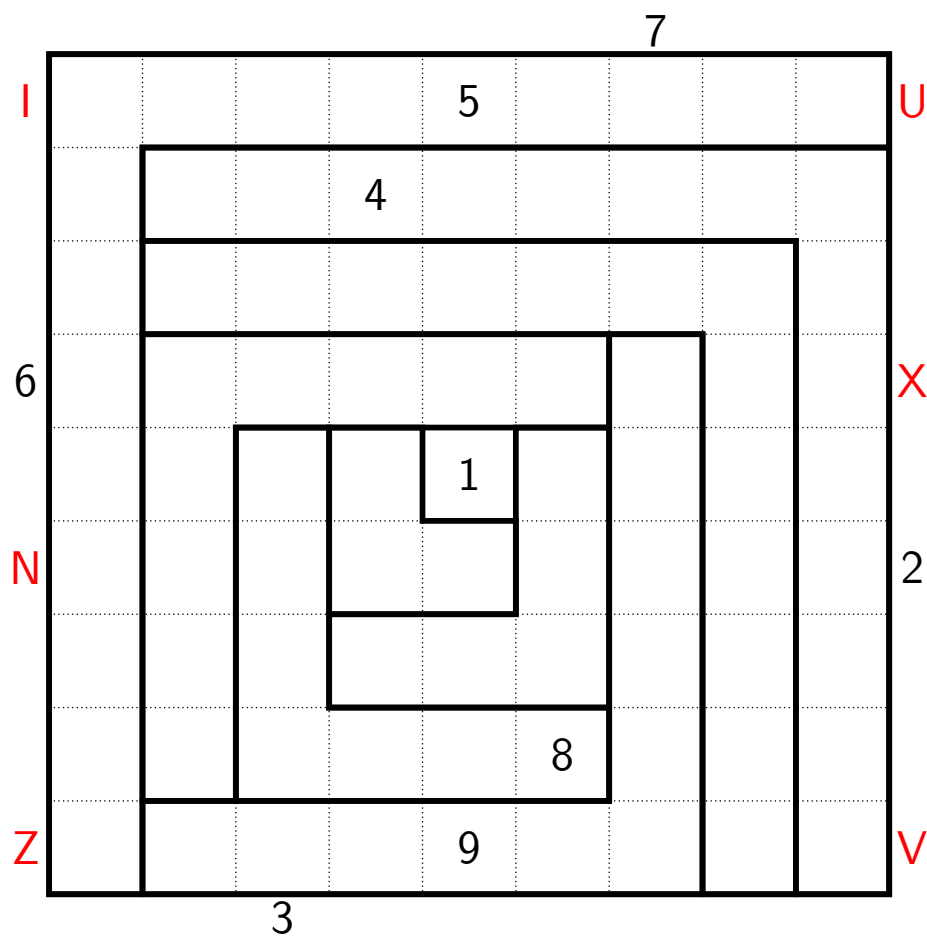
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:5}

hook 4 is too small for digit 8



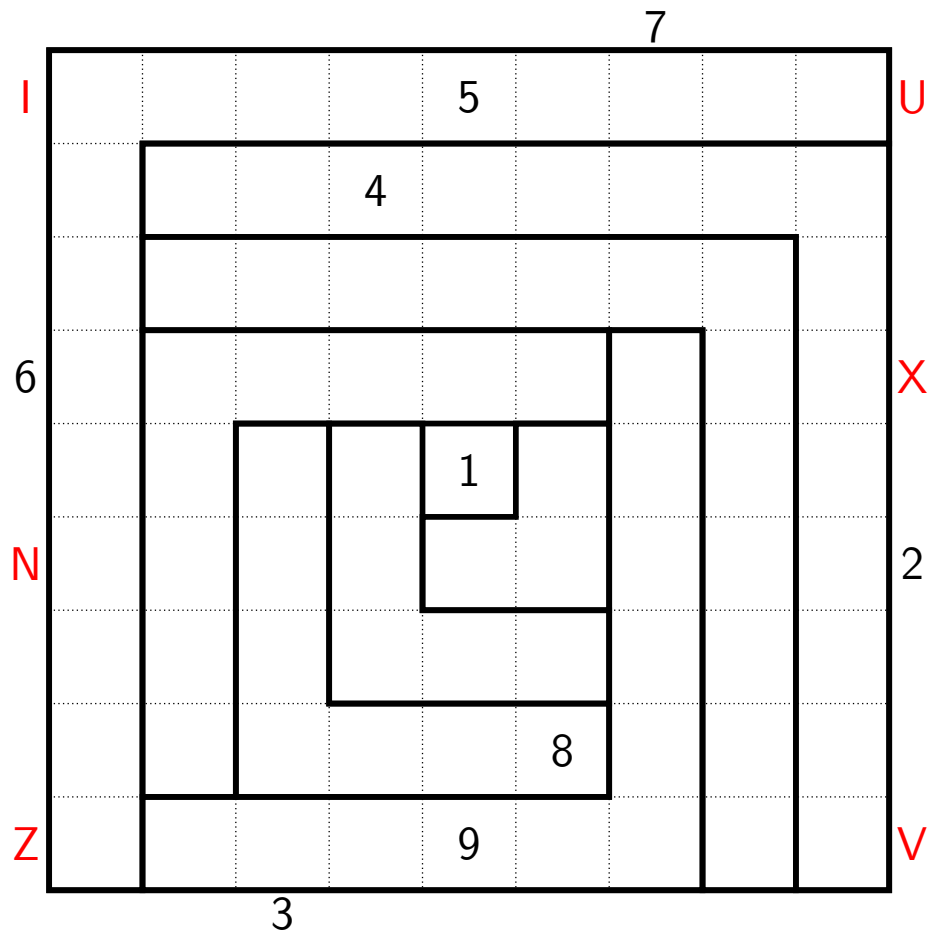
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:6}

hook 4 is too small for digit 8



{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:6}

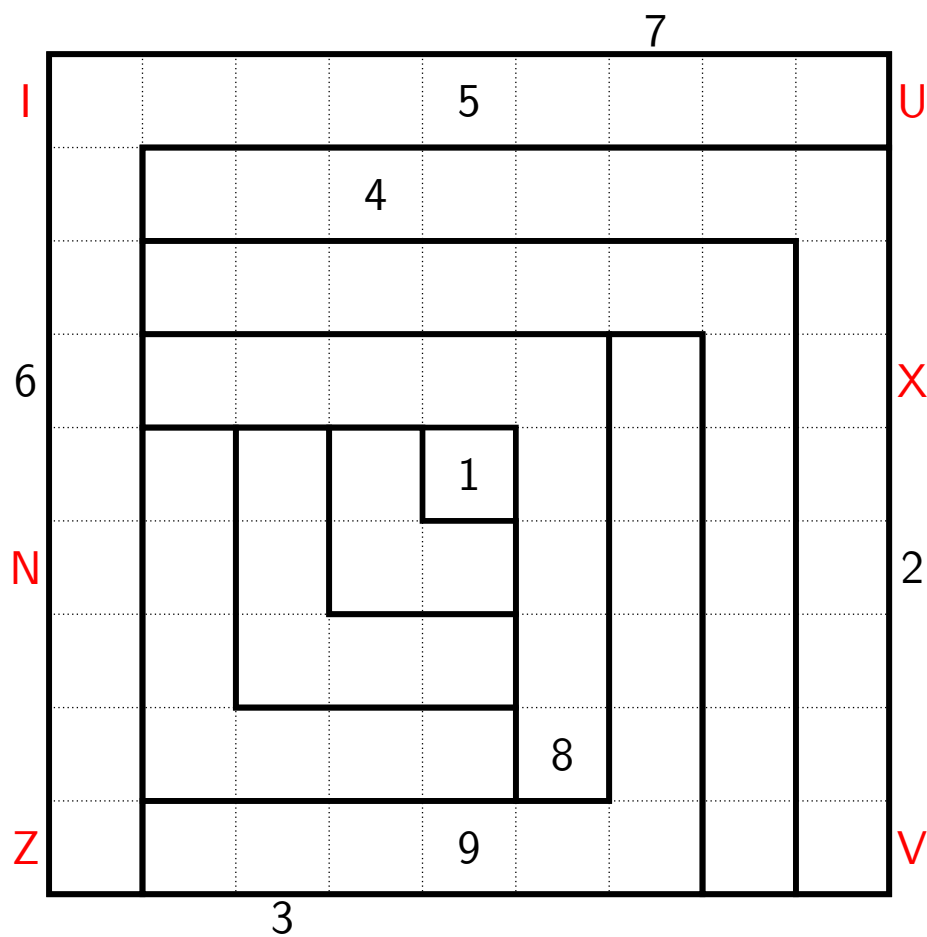
hook 4 is too small for digit 8



{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:6}

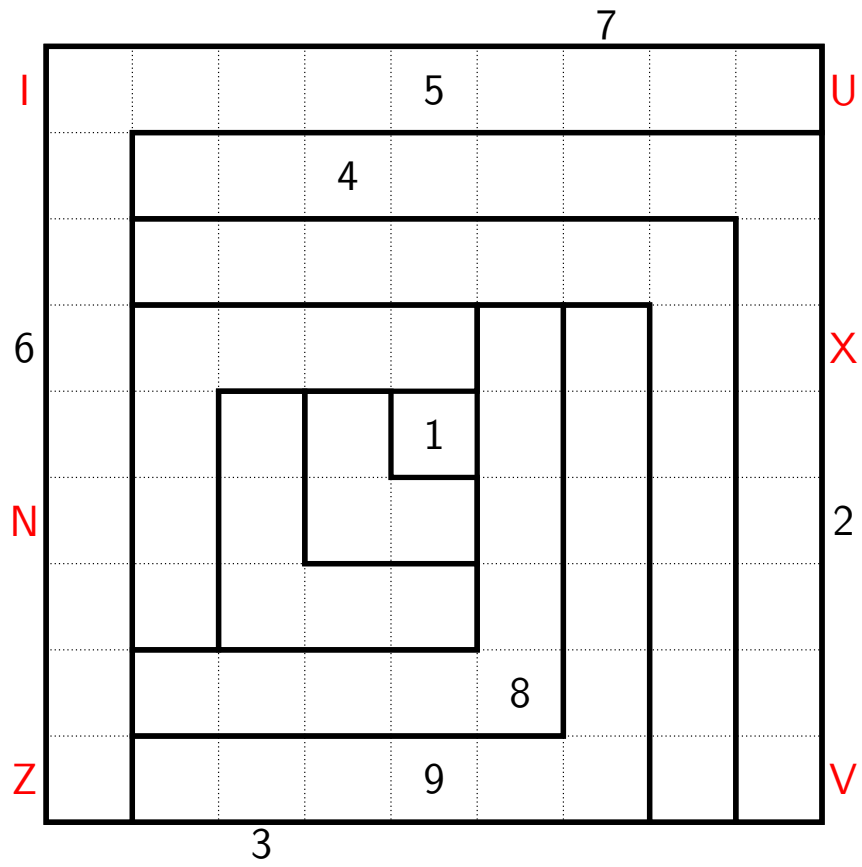
hook 4 is too small for digit 8



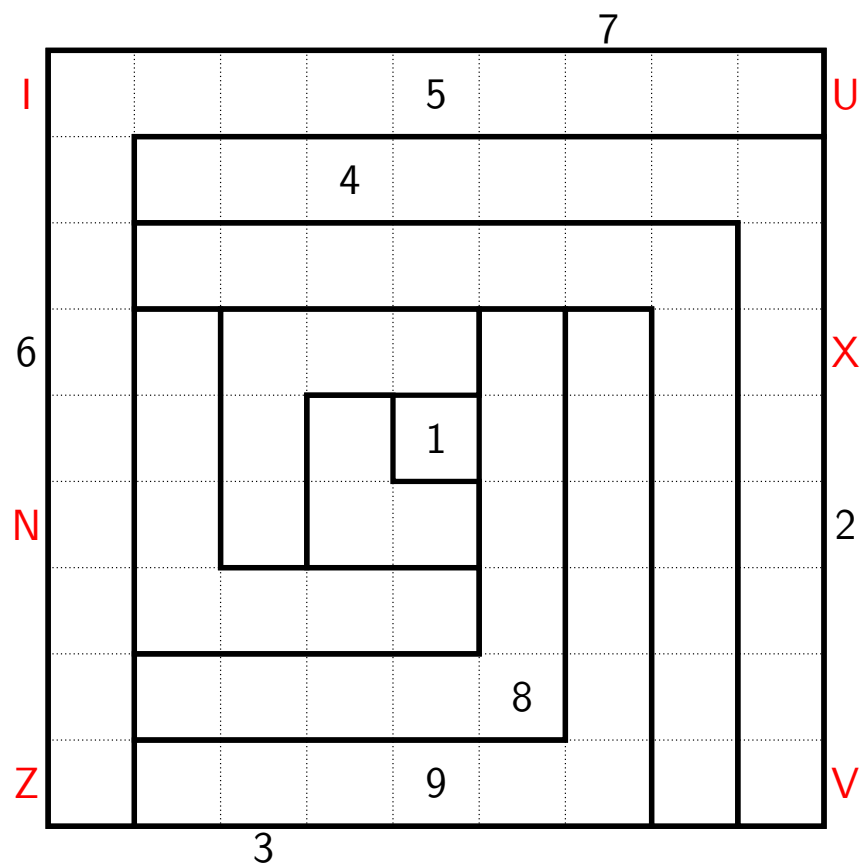


{1:1, 2:[2, 3, 4], 3:[3, 4], 4:8, 5:9, 6:7, 7:[], 8:5, 9:6}

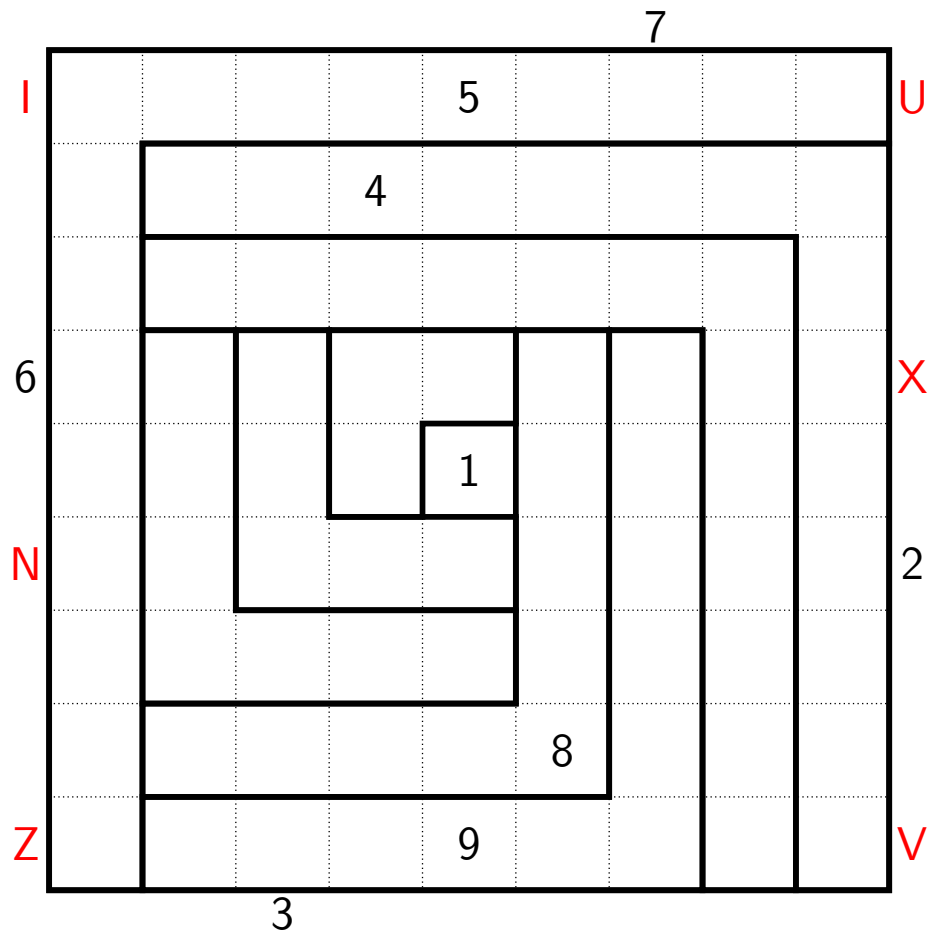
digit(s) 7 cannot be assigned to any hook



–1 : 1, 2 : 2, 3 : 3, 4 : 8, 5 : 9, 6 : 4, 7 : 7, 8 : 5, 9 : 6”

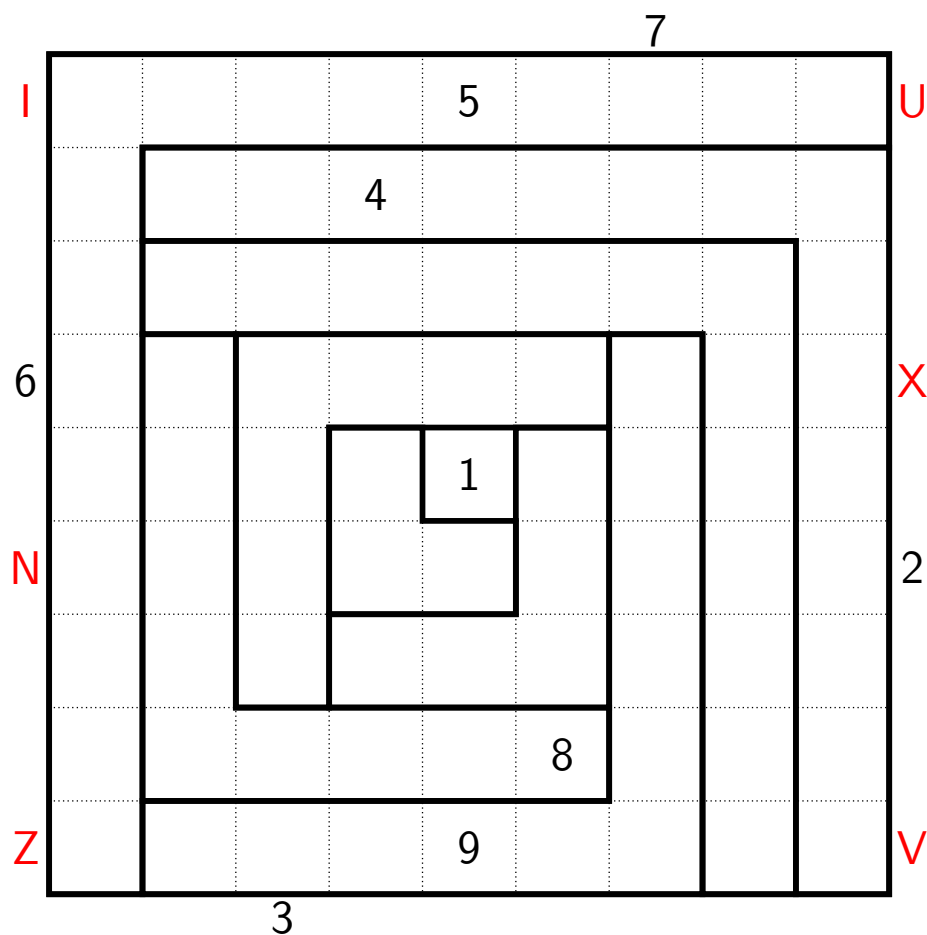


—1 : 1, 2 : 2, 3 : 3, 4 : 8, 5 : 9, 6 : 4, 7 : 7, 8 : 5, 9 : 6''



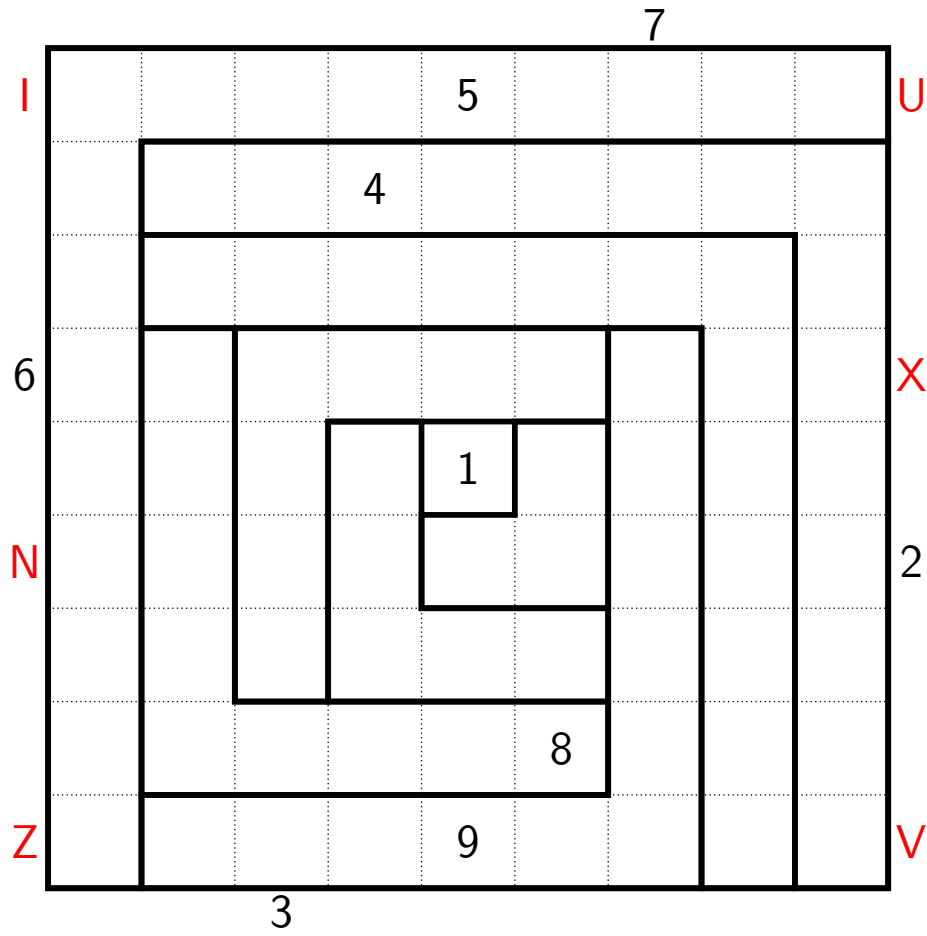
{1:1, 2:3, 3:3, 4:8, 5:9, 6:4, 7:7, 8:5, 9:6}

digits 2,3 are fighting over hook 3



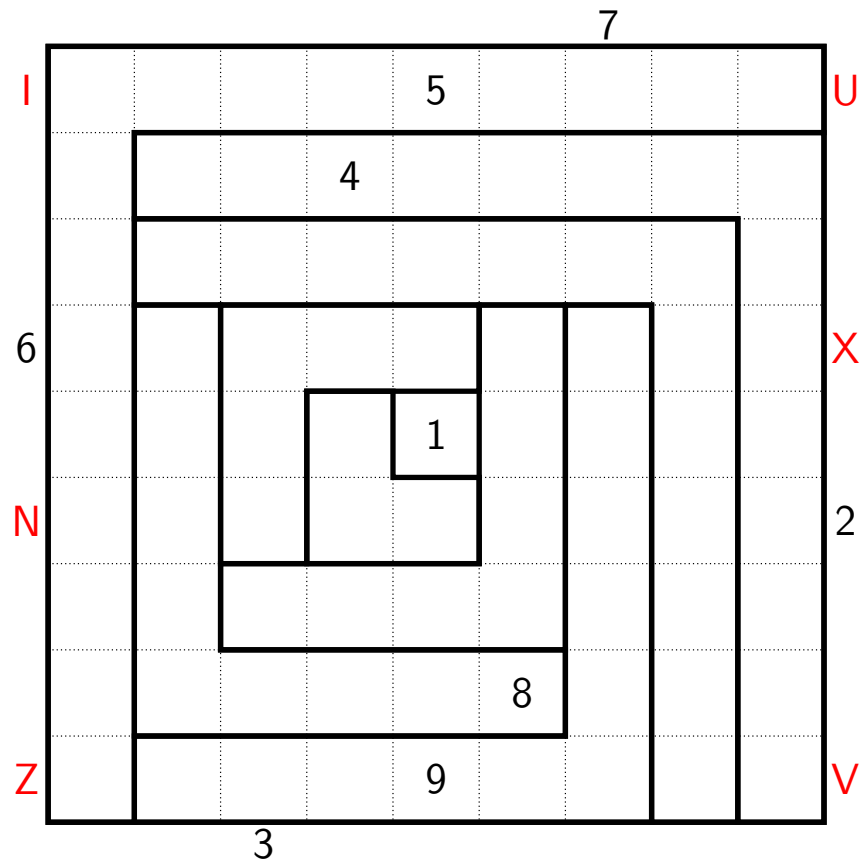
{1:1, 2:[2, 3], 3:4, 4:8, 5:9, 6:4, 7:7, 8:5, 9:6}

digits 3,6 are fighting over hook 4

 $\{1:1, 2:[2, 3], 3:4, 4:8, 5:9, 6:4, 7:7, 8:5, 9:6\}$ 

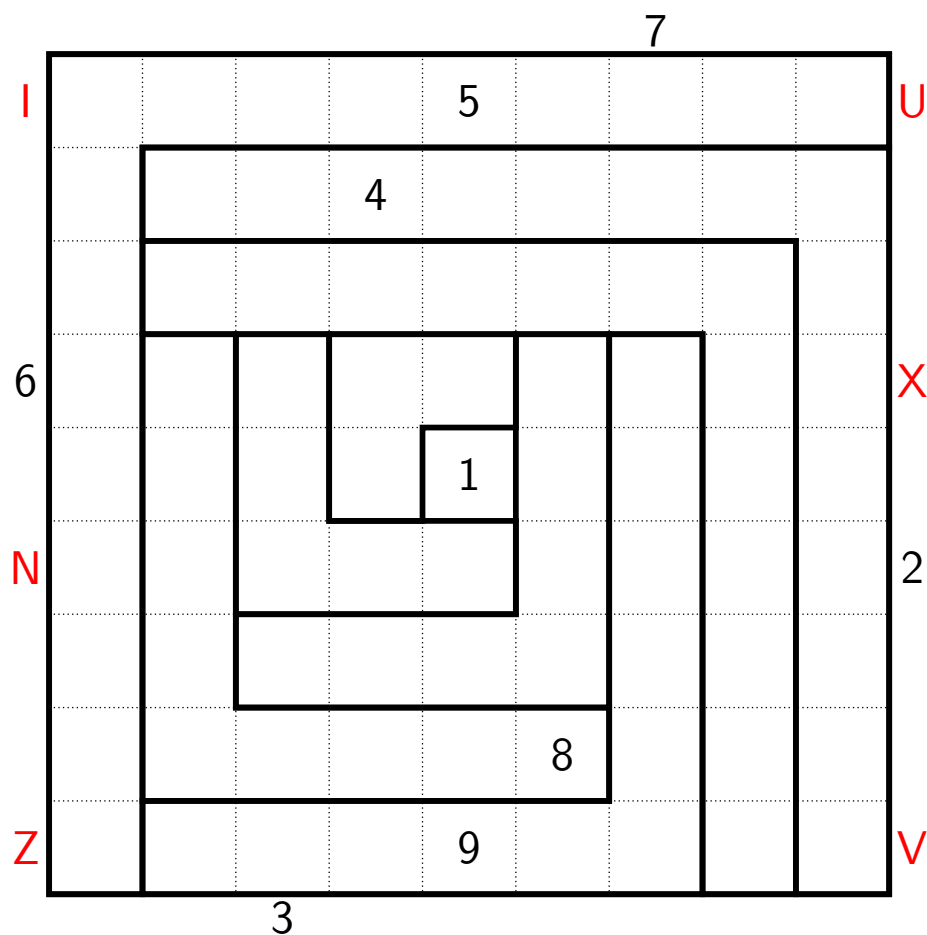
digits 3,6 are fighting over hook 4

–1 : 1, 2 : 2, 3 : 3, 4 : 8, 5 : 9, 6 : 4, 7 : 7, 8 : 5, 9 : 6”



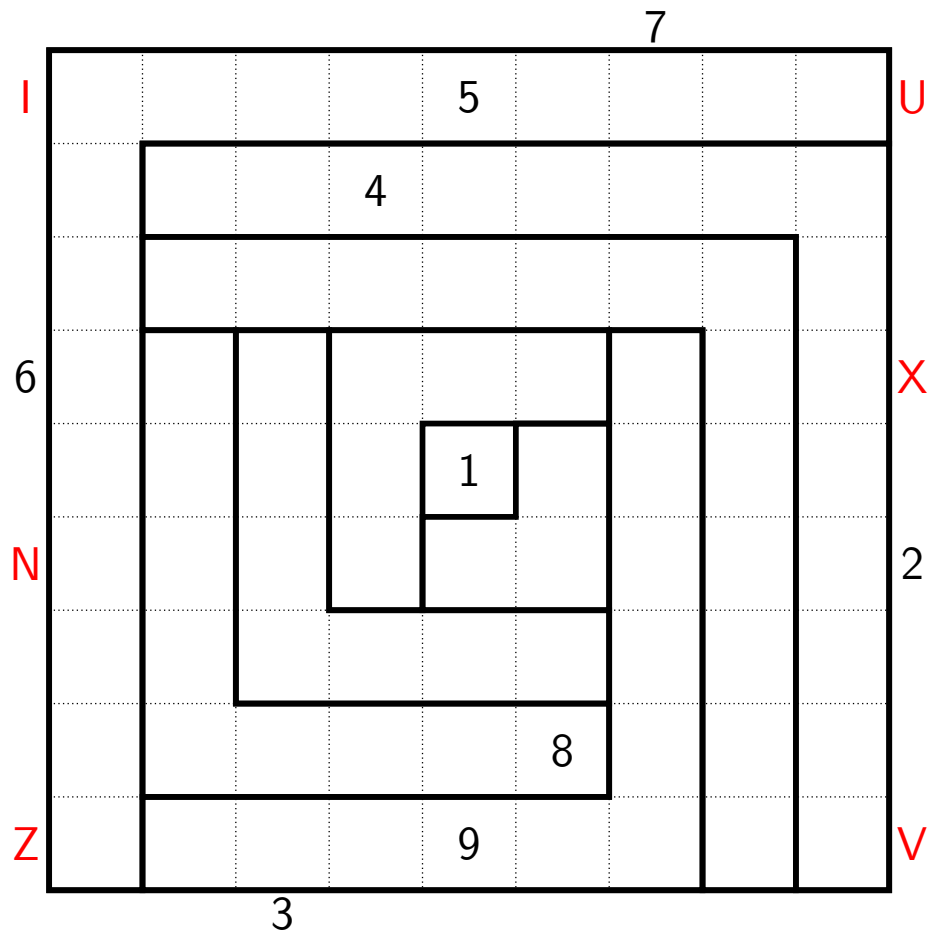
—1 : 1, 2 : 2, 3 : 3, 4 : 8, 5 : 9, 6 : 4, 7 : 7, 8 : 5, 9 : 6''





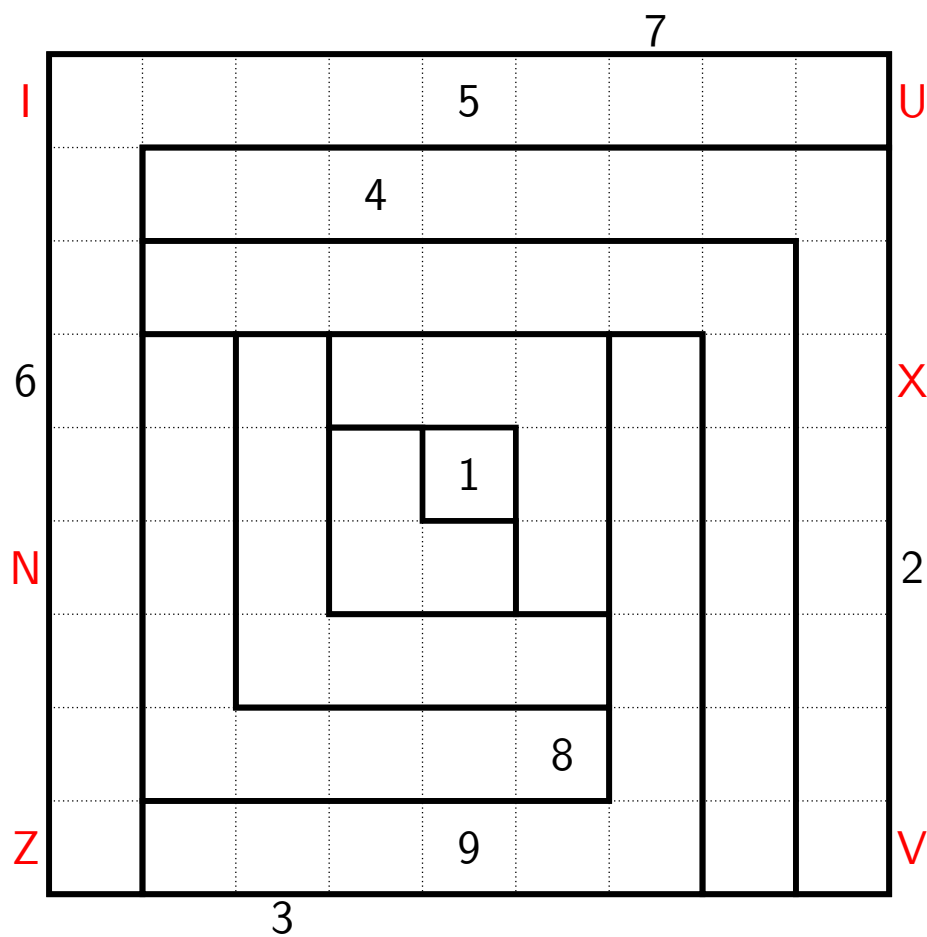
{1:1, 2:3, 3:3, 4:8, 5:9, 6:4, 7:7, 8:5, 9:6}

digits 2,3 are fighting over hook 3



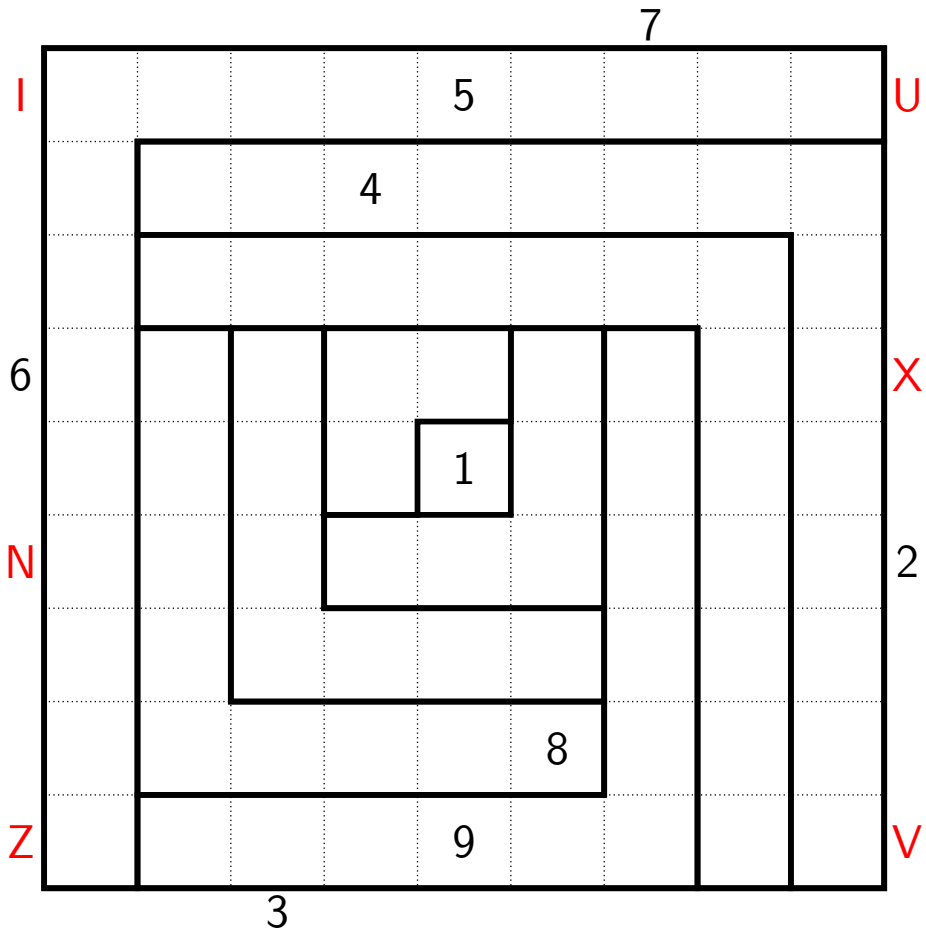
{1:1, 2:[2, 3], 3:4, 4:8, 5:9, 6:4, 7:7, 8:5, 9:6}

digits 3,6 are fighting over hook 4



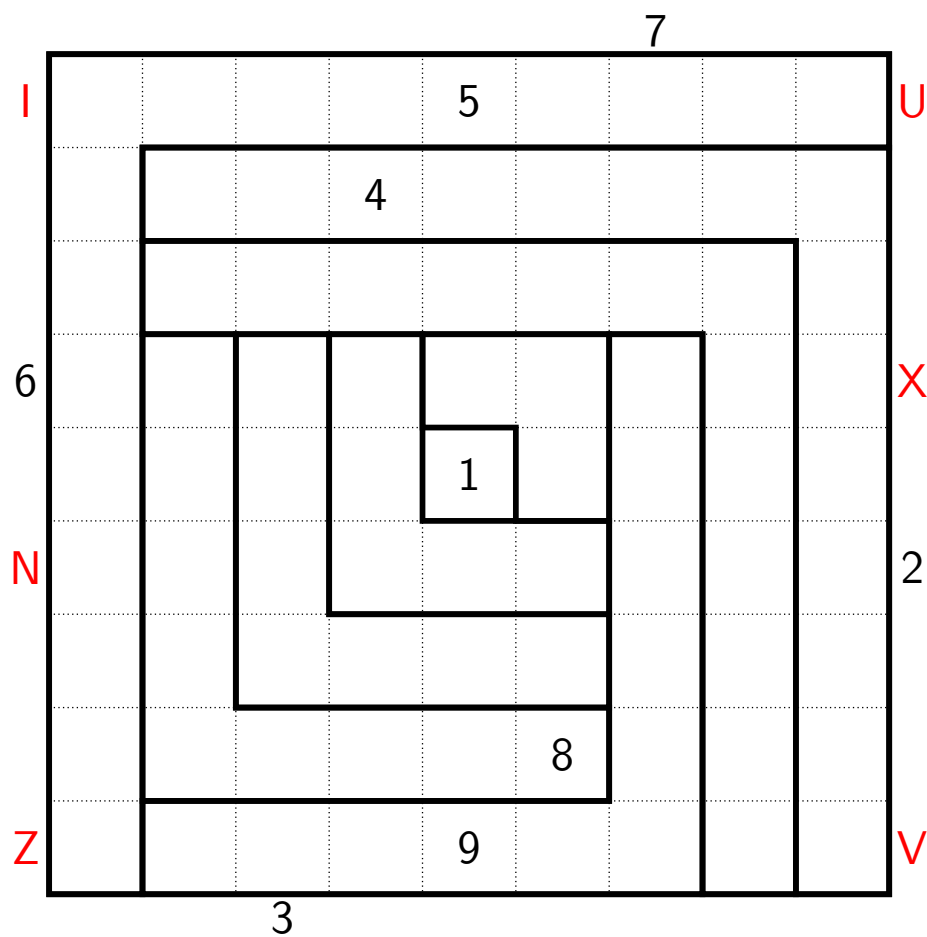
{1:1, 2:[2, 3], 3:4, 4:8, 5:9, 6:4, 7:7, 8:5, 9:6}

digits 3,6 are fighting over hook 4



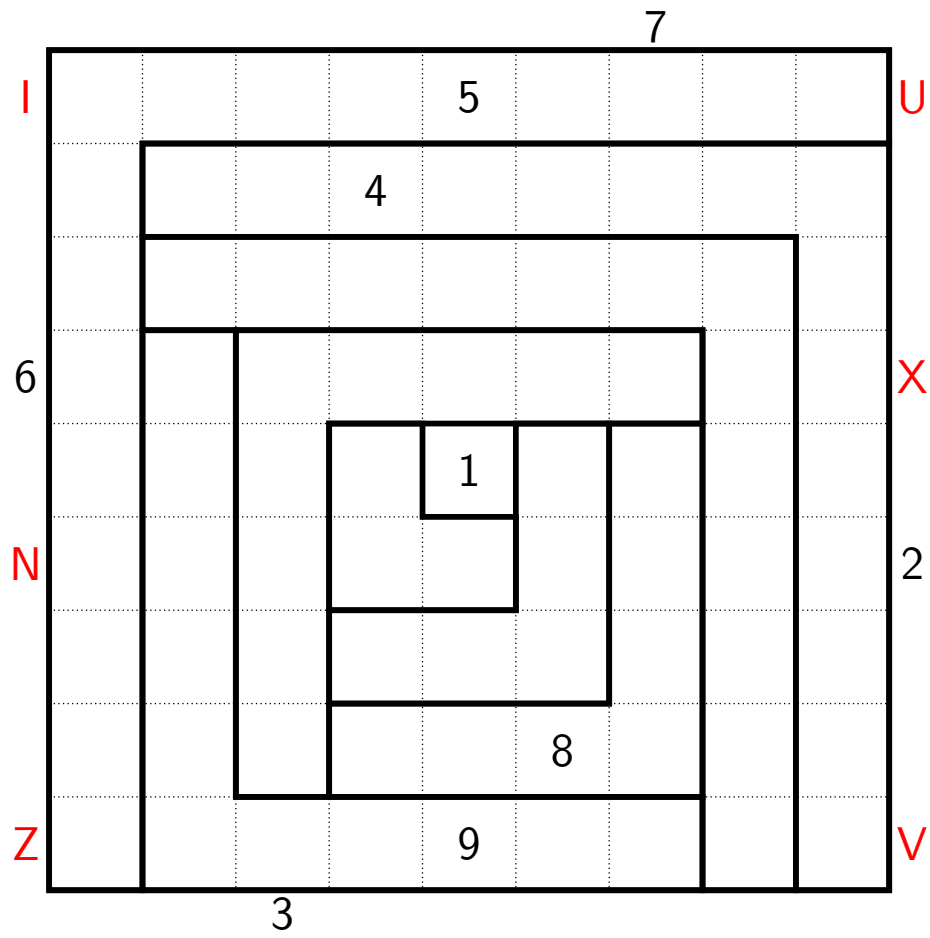
{1:1, 2:3, 3:4, 4:8, 5:9, 6:4, 7:7, 8:5, 9:6}

digits 3,6 are fighting over hook 4



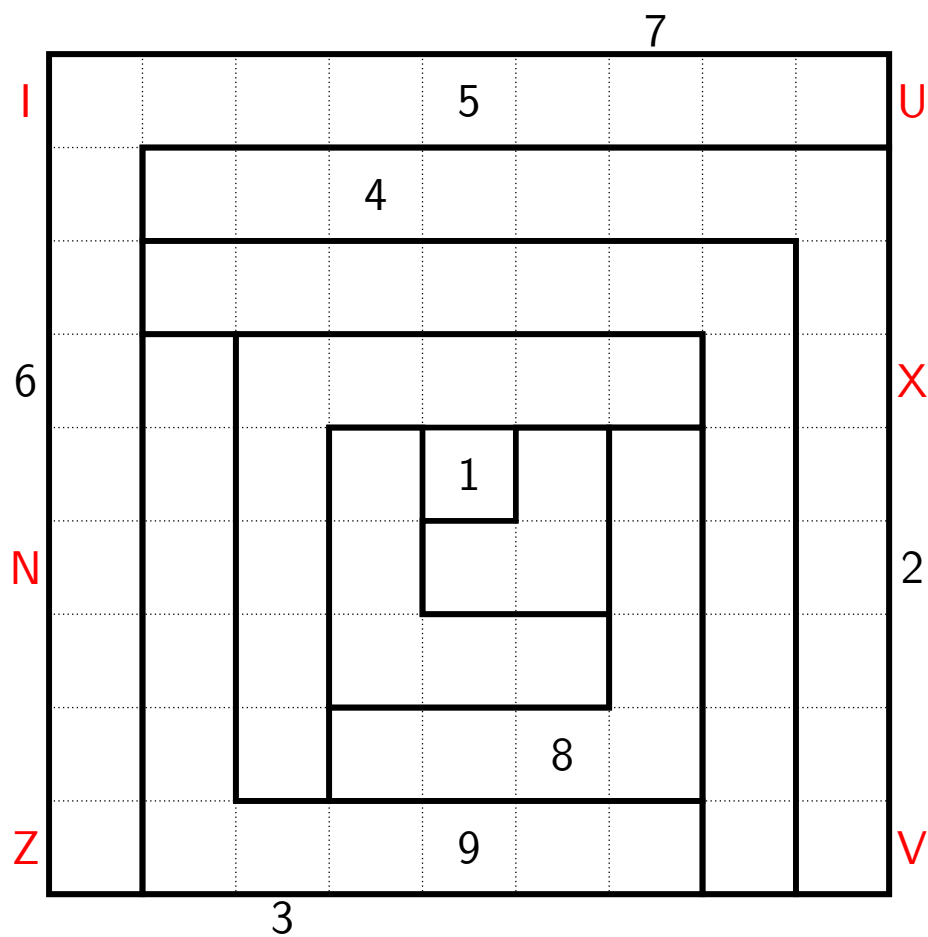
{1:1, 2:3, 3:4, 4:8, 5:9, 6:4, 7:7, 8:5, 9:6}

digits 3,6 are fighting over hook 4



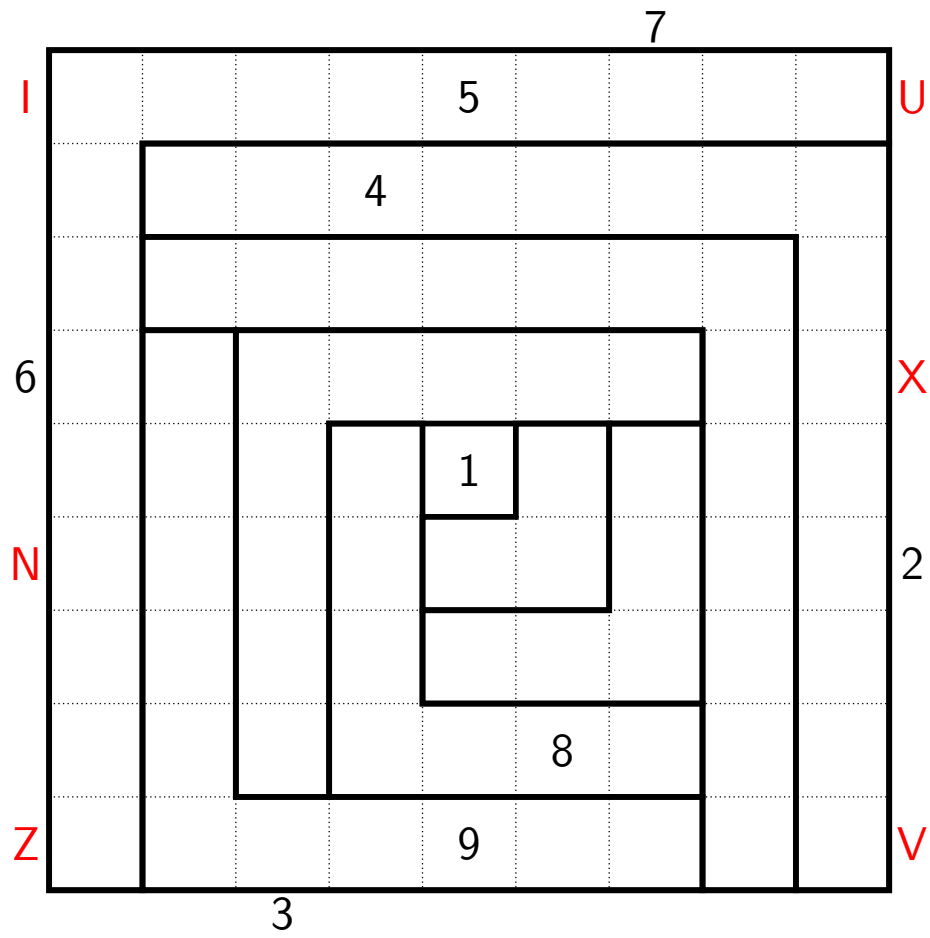
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:6}

hook 4 is too small for digit 8



{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:6}

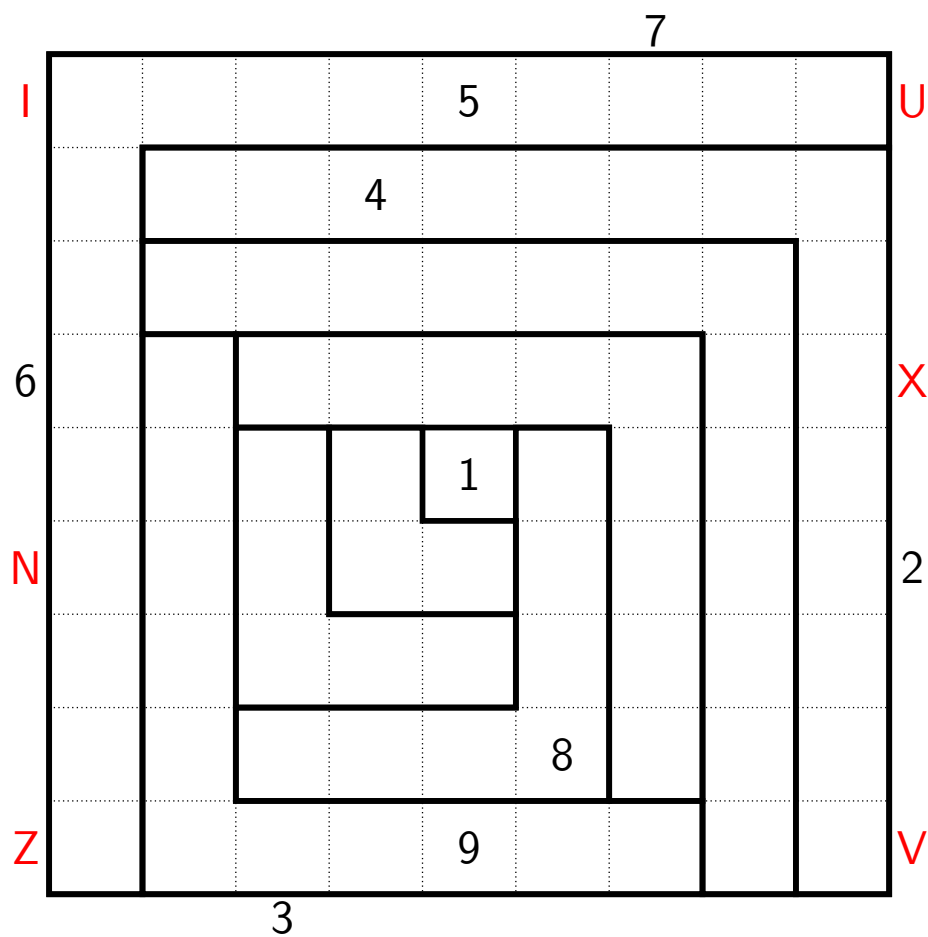
hook 4 is too small for digit 8



{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:6}

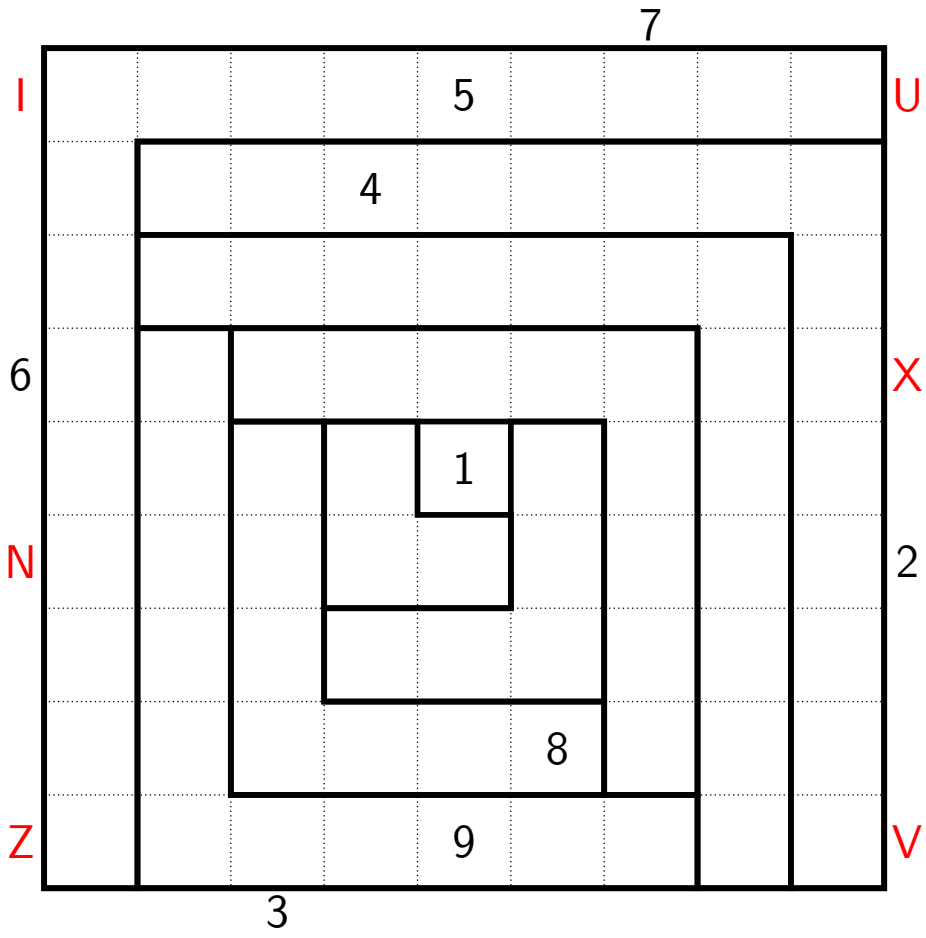
hook 4 is too small for digit 8



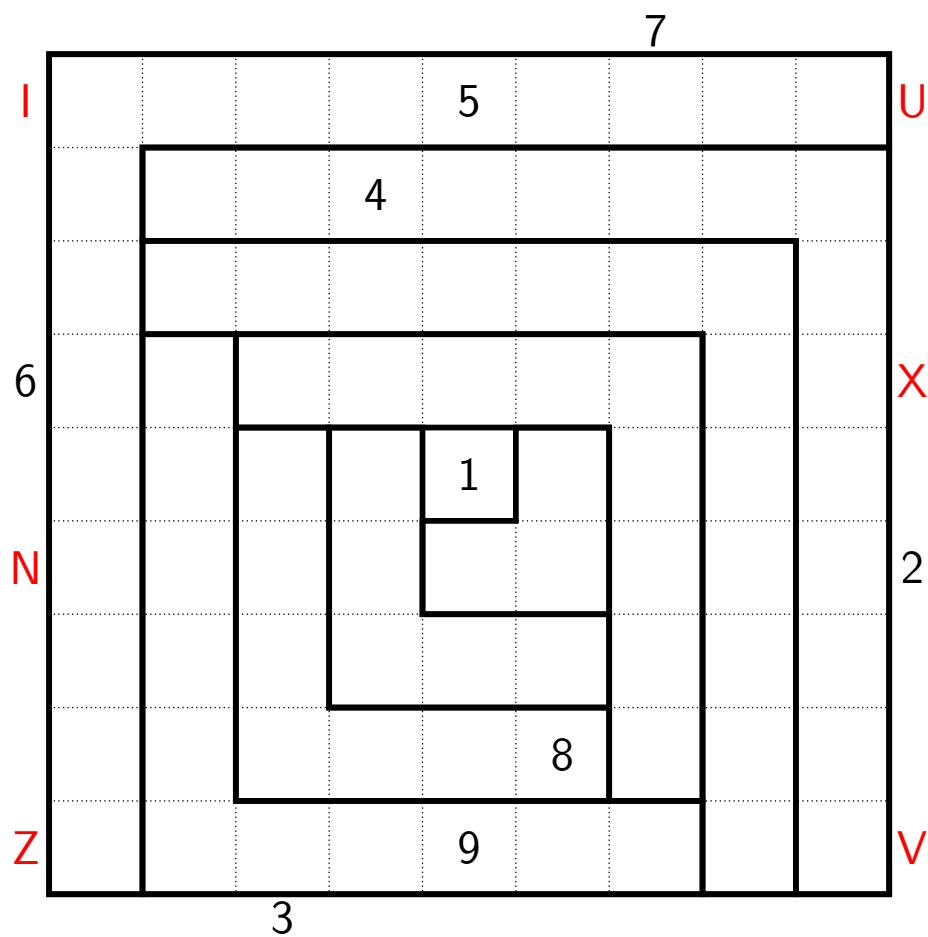


{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:6}

hook 4 is too small for digit 8

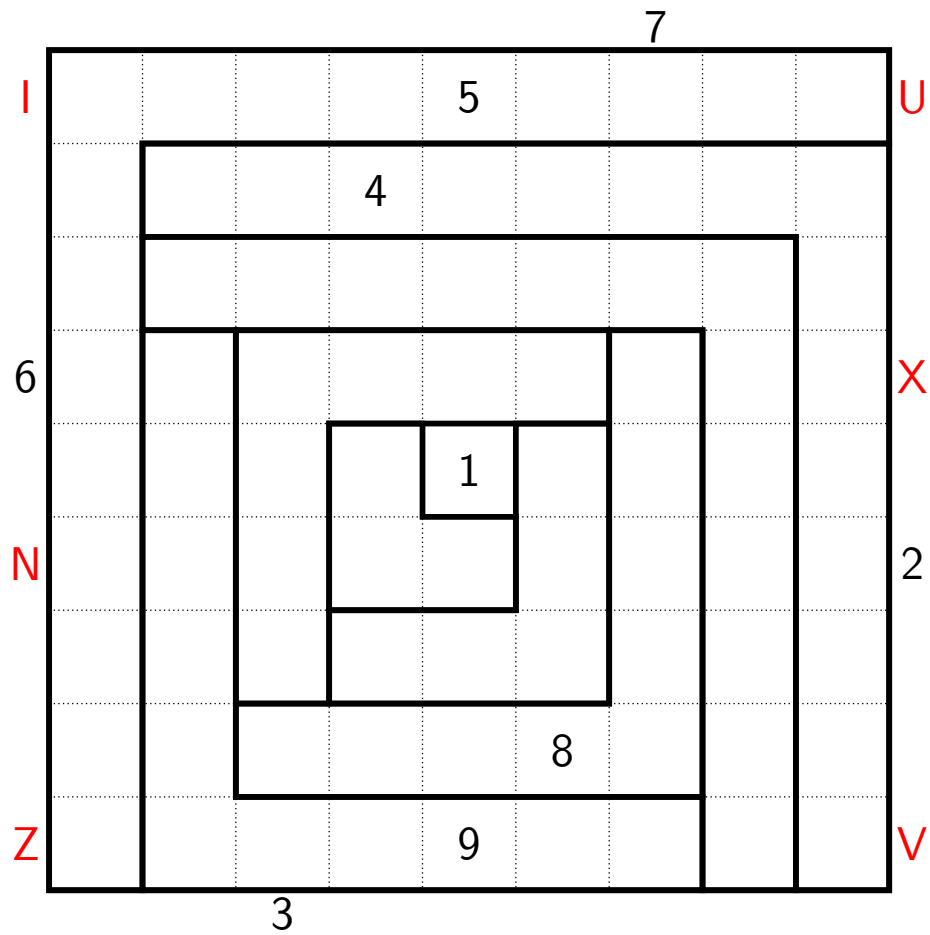

$$\{1:1, 2:\square, 3:\square, 4:\square, 5:\square, 6:\square, 7:\square, 8:\square, 9:6\}$$

```
hook 4 is too small for digit 8
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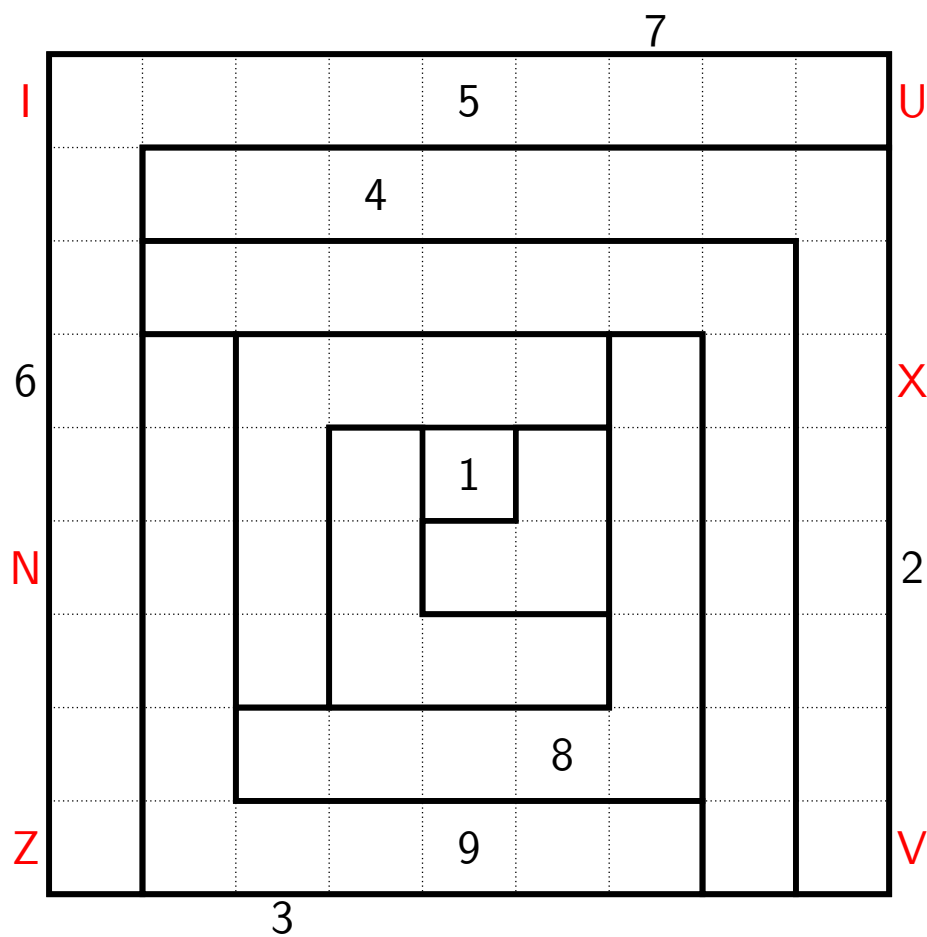
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:6}

hook 4 is too small for digit 8



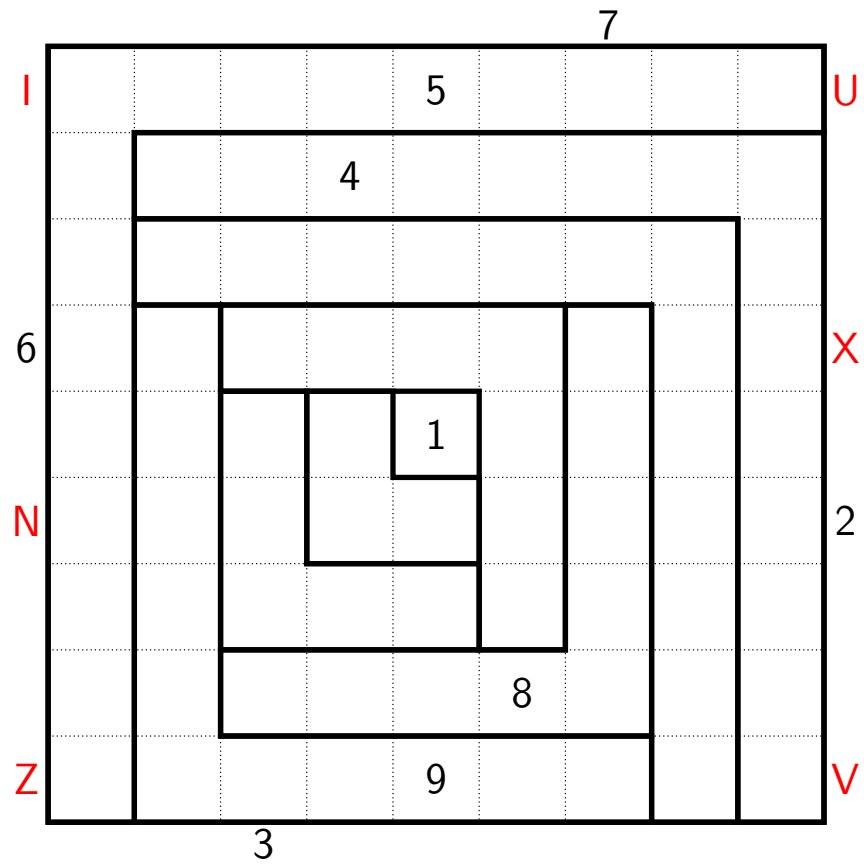
{1:1, 2:[2, 3], 3:4, 4:8, 5:9, 6:4, 7:7, 8:5, 9:6}

digits 3,6 are fighting over hook 4



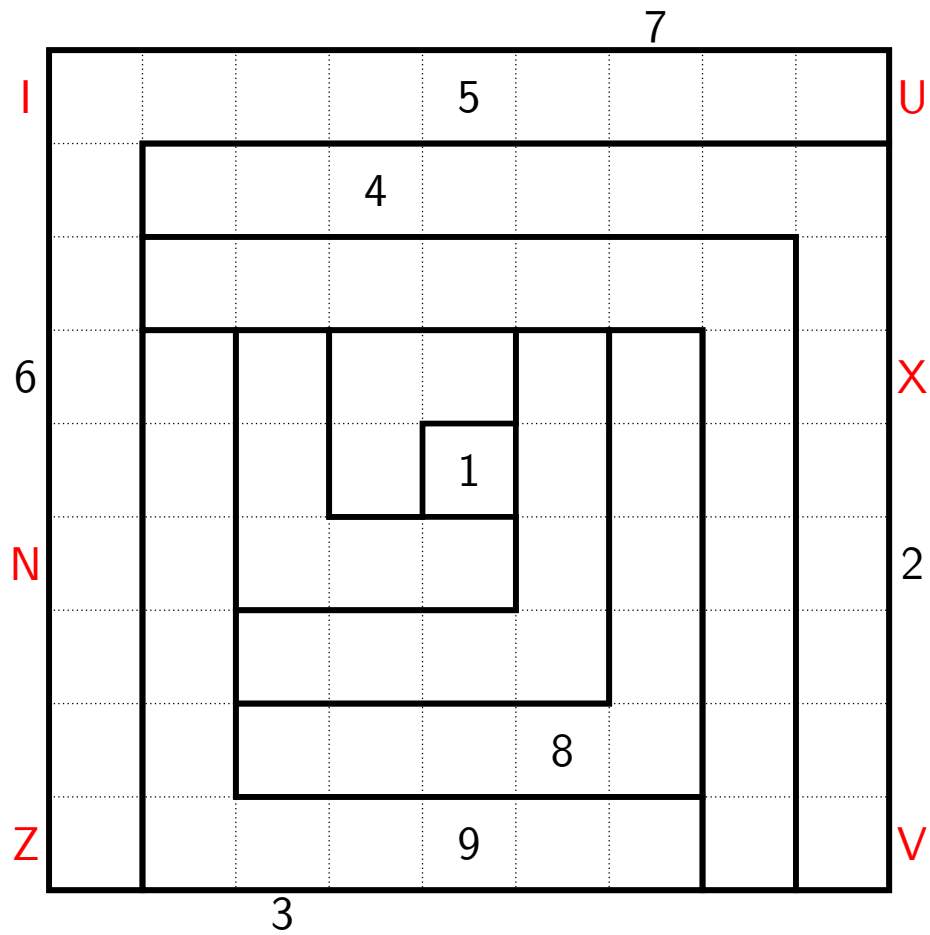
{1:1, 2:[2, 3], 3:4, 4:8, 5:9, 6:4, 7:7, 8:5, 9:6}

digits 3,6 are fighting over hook 4



—1 : 1, 2 : 2, 3 : 3, 4 : 8, 5 : 9, 6 : 4, 7 : 7, 8 : 5, 9 : 6''

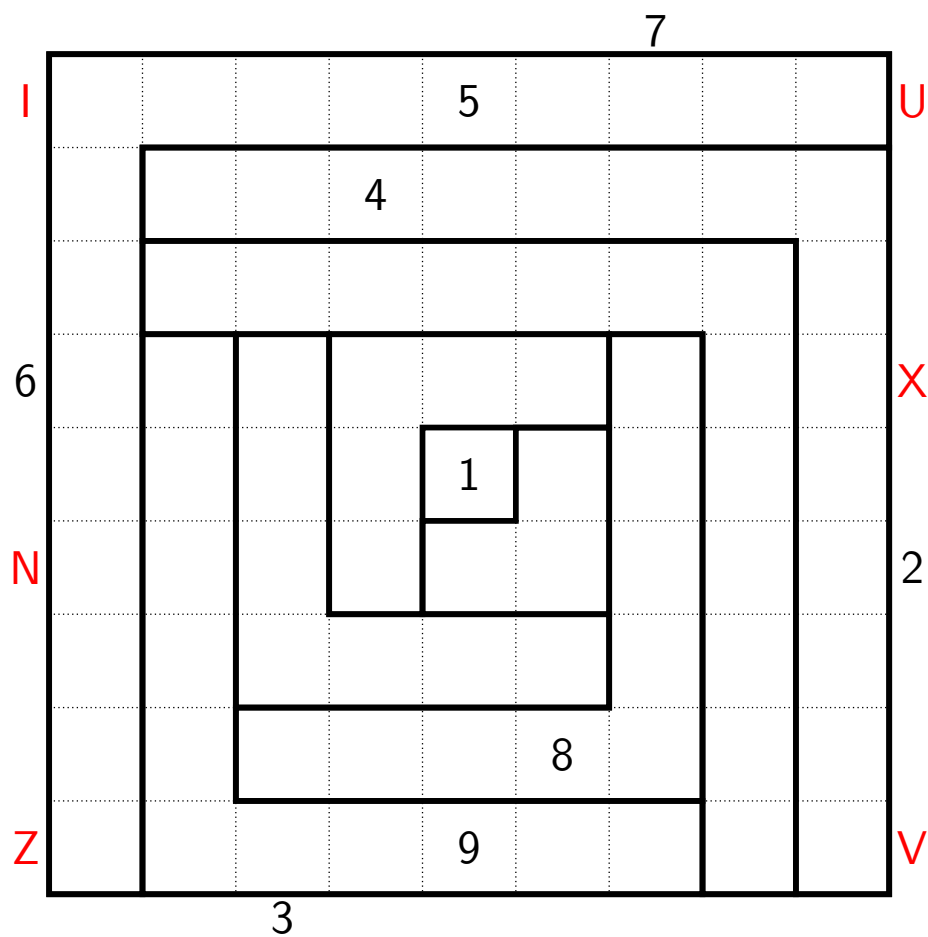




{1:1, 2:3, 3:3, 4:8, 5:9, 6:4, 7:7, 8:5, 9:6}

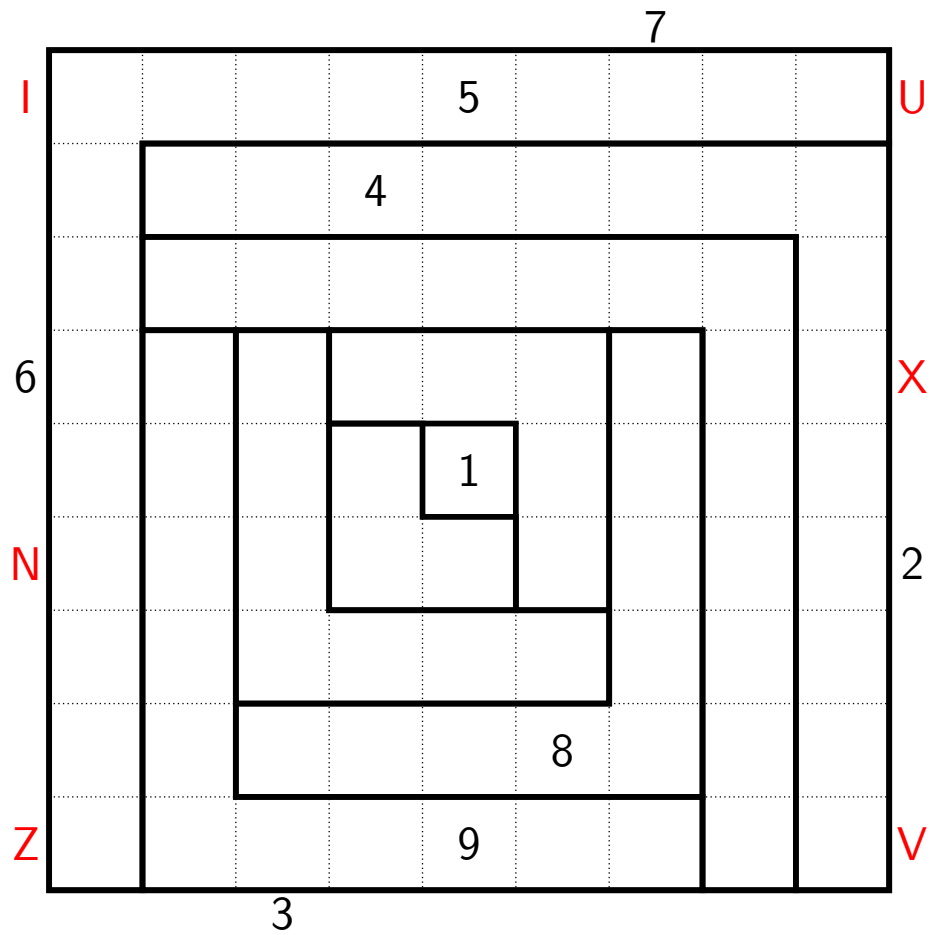
digits 2,3 are fighting over hook 3





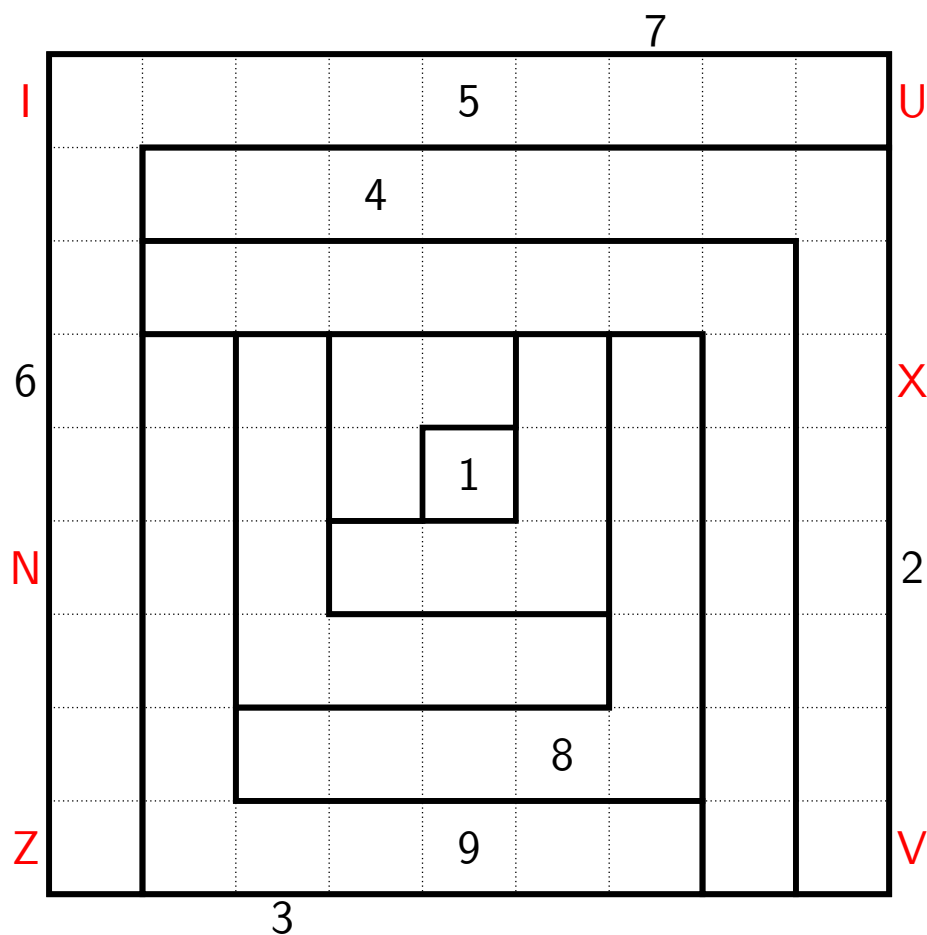
{1:1, 2:[2, 3], 3:4, 4:8, 5:9, 6:4, 7:7, 8:5, 9:6}

digits 3,6 are fighting over hook 4



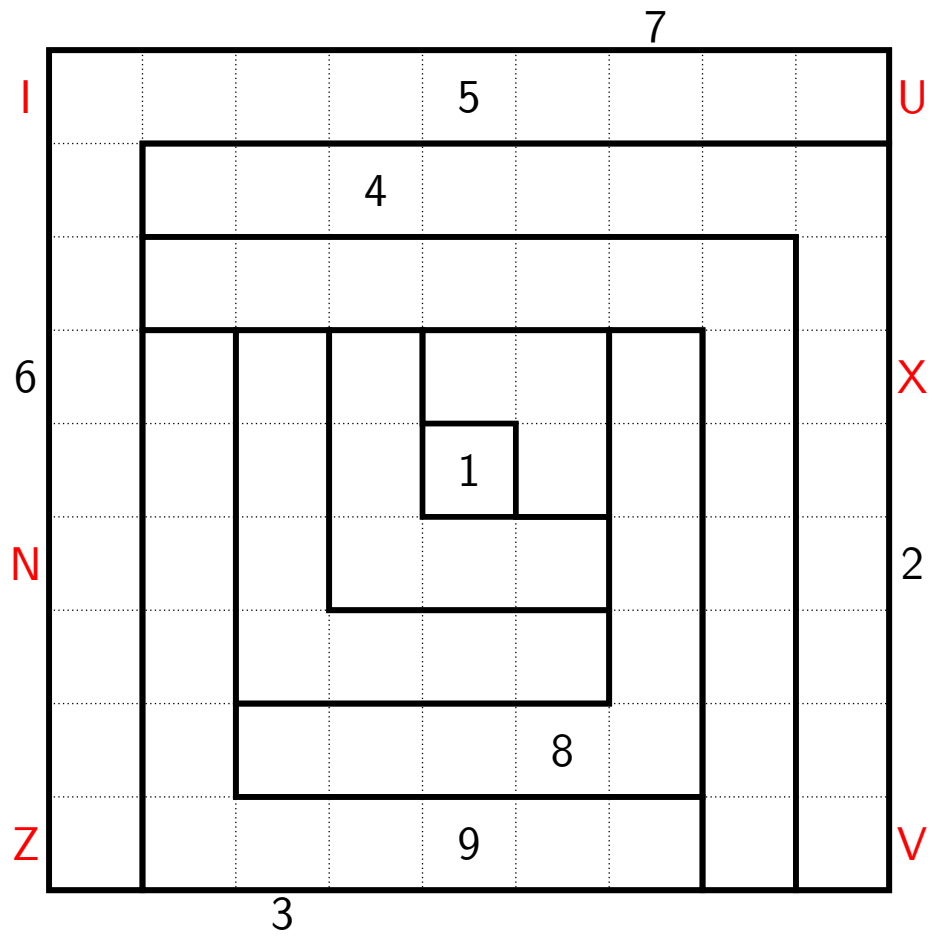
{1:1, 2:[2, 3], 3:4, 4:8, 5:9, 6:4, 7:7, 8:5, 9:6}

digits 3,6 are fighting over hook 4



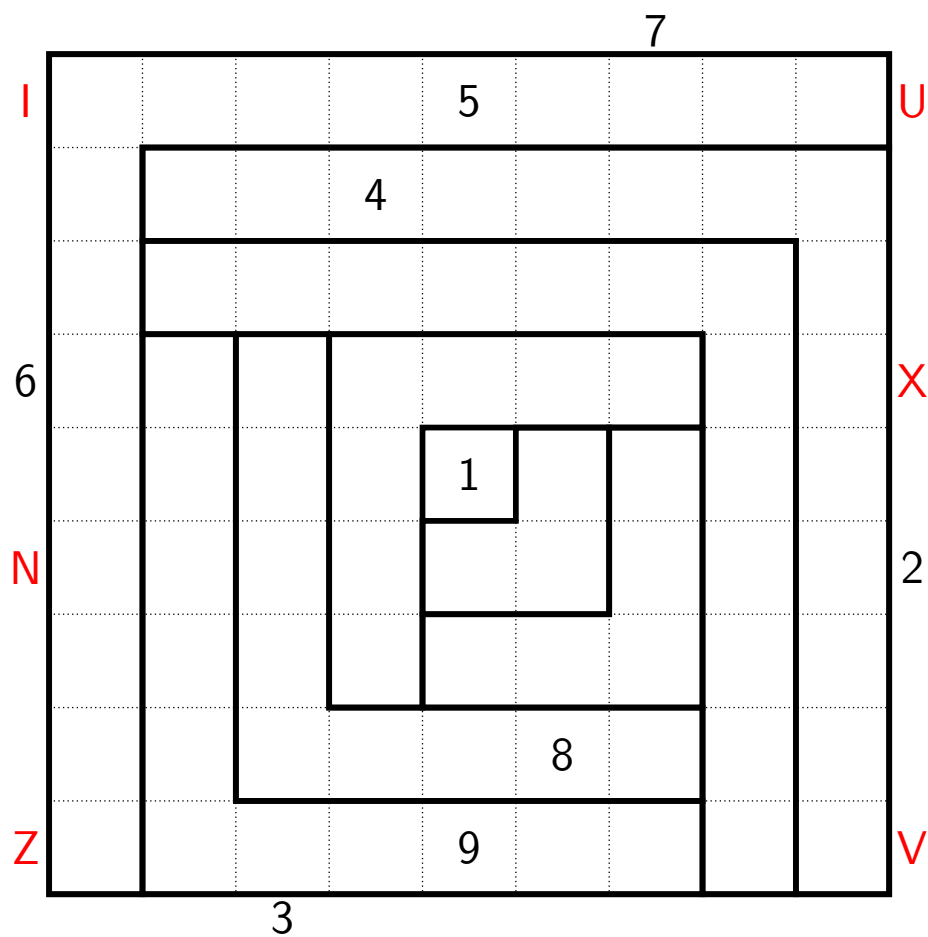
{1:1, 2:3, 3:4, 4:8, 5:9, 6:4, 7:7, 8:5, 9:6}

digits 3,6 are fighting over hook 4



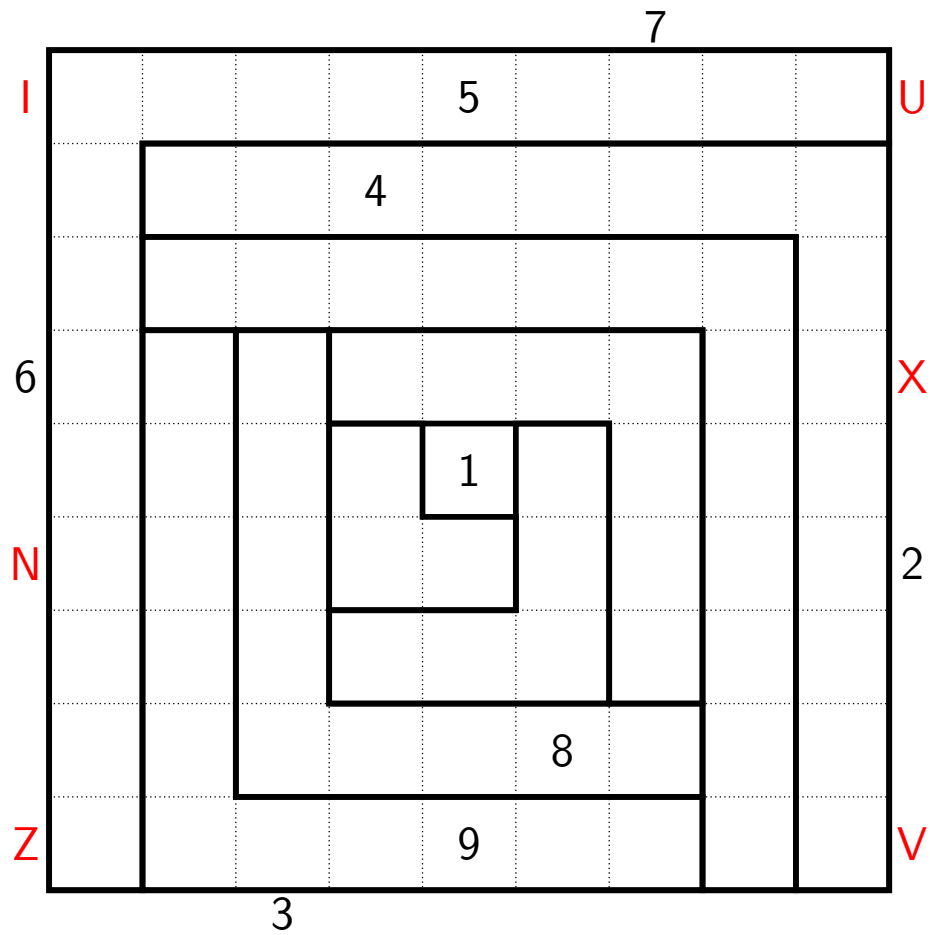
{1:1, 2:3, 3:4, 4:8, 5:9, 6:4, 7:7, 8:5, 9:6}

digits 3,6 are fighting over hook 4



{1:1, 2:[2, 3], 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}

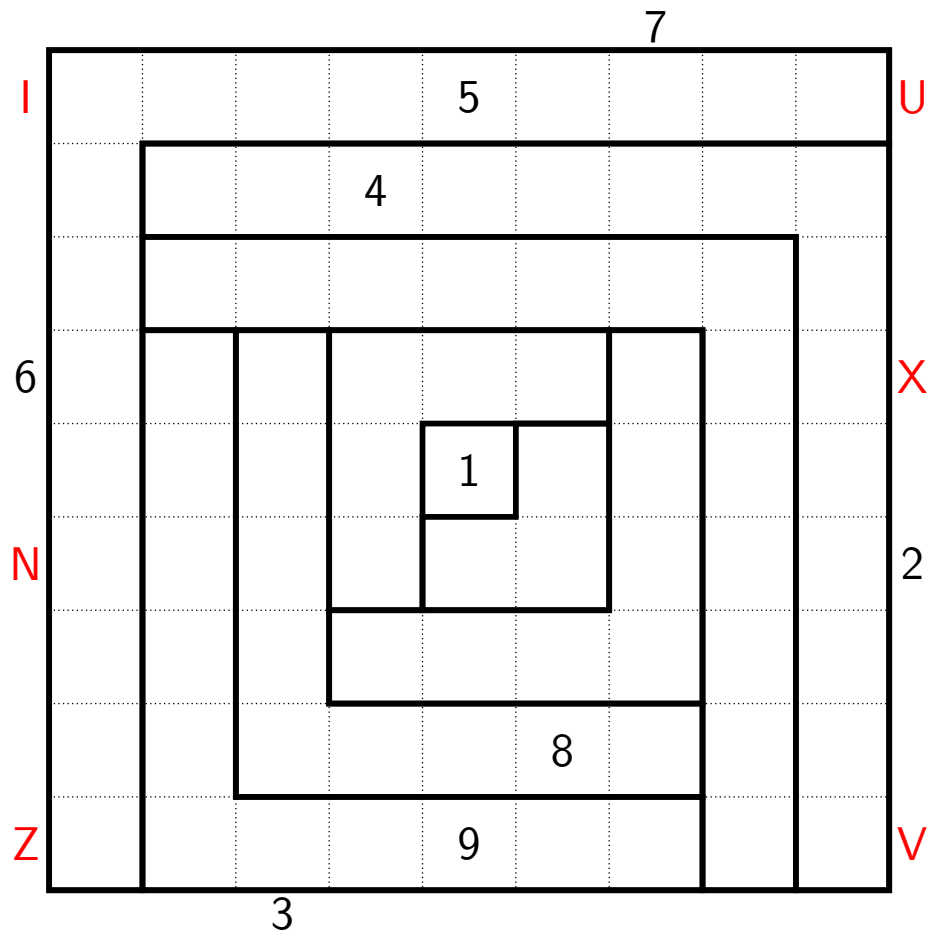
digit(s) 7 cannot be assigned to any hook



{1:1, 2:[2, 3], 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}

digit(s) 7 cannot be assigned to any hook

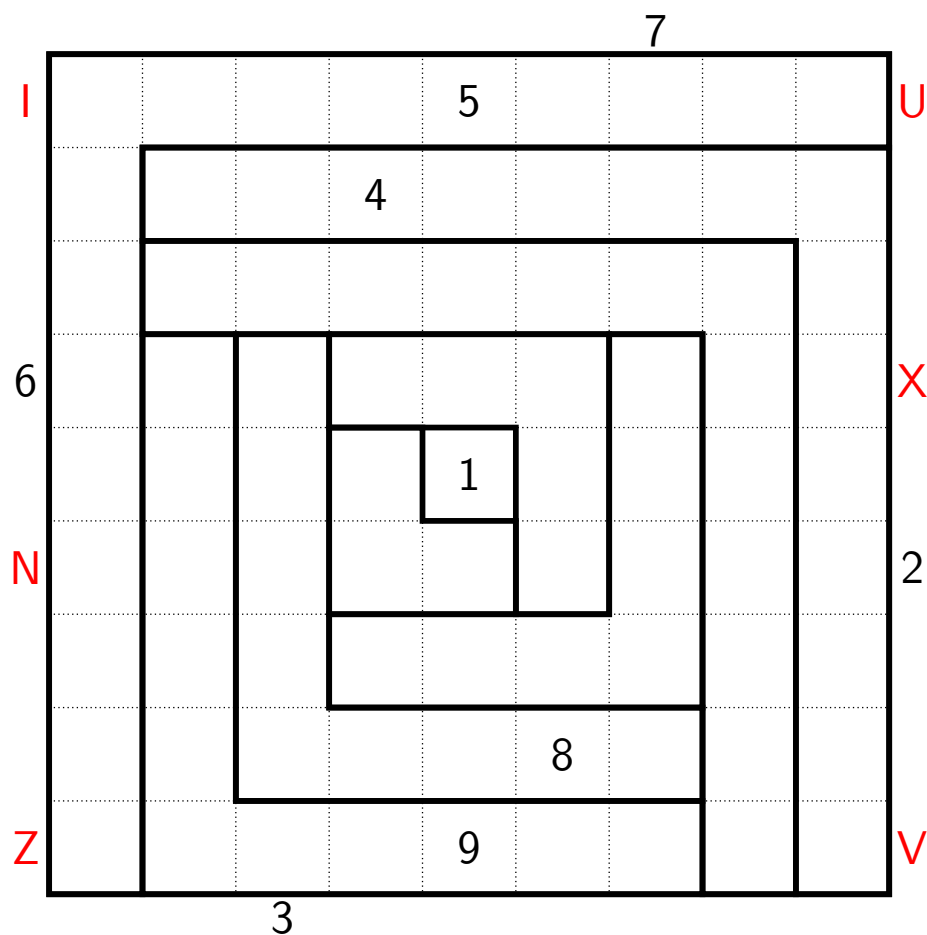
```
digit(s) 7 cannot be assigned to any hook
```



{1:1, 2:[2, 3], 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}

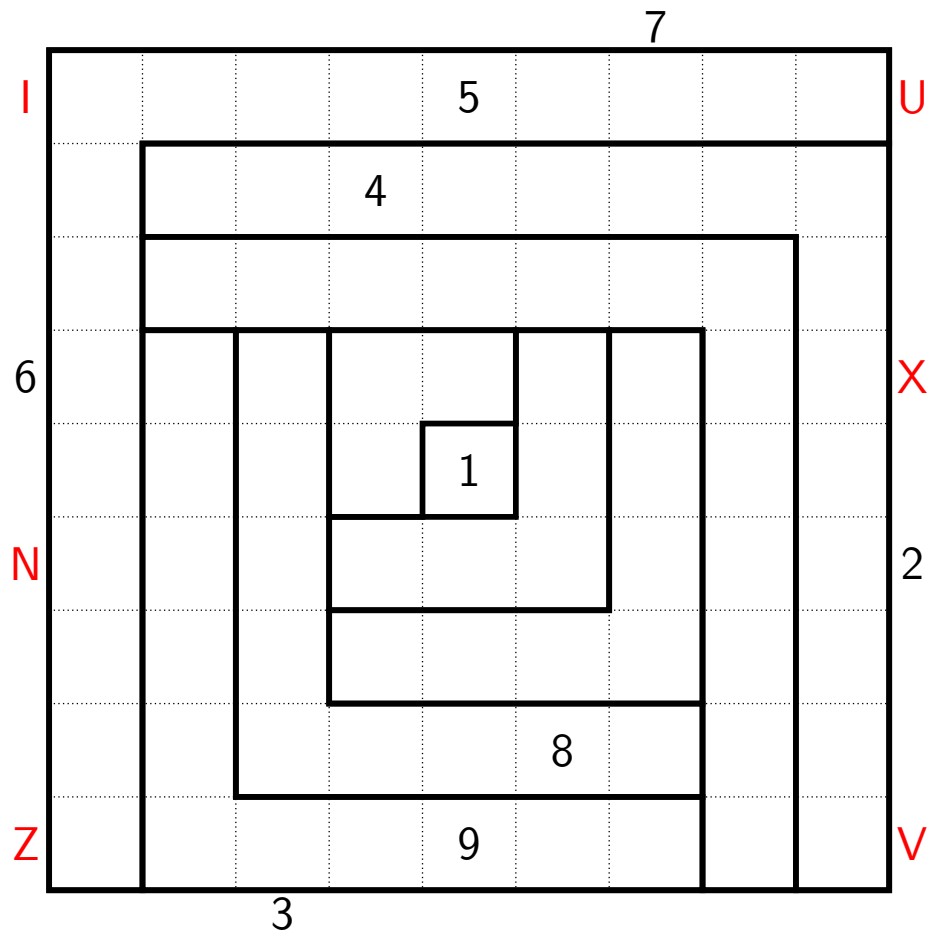
digit(s) 7 cannot be assigned to any hook





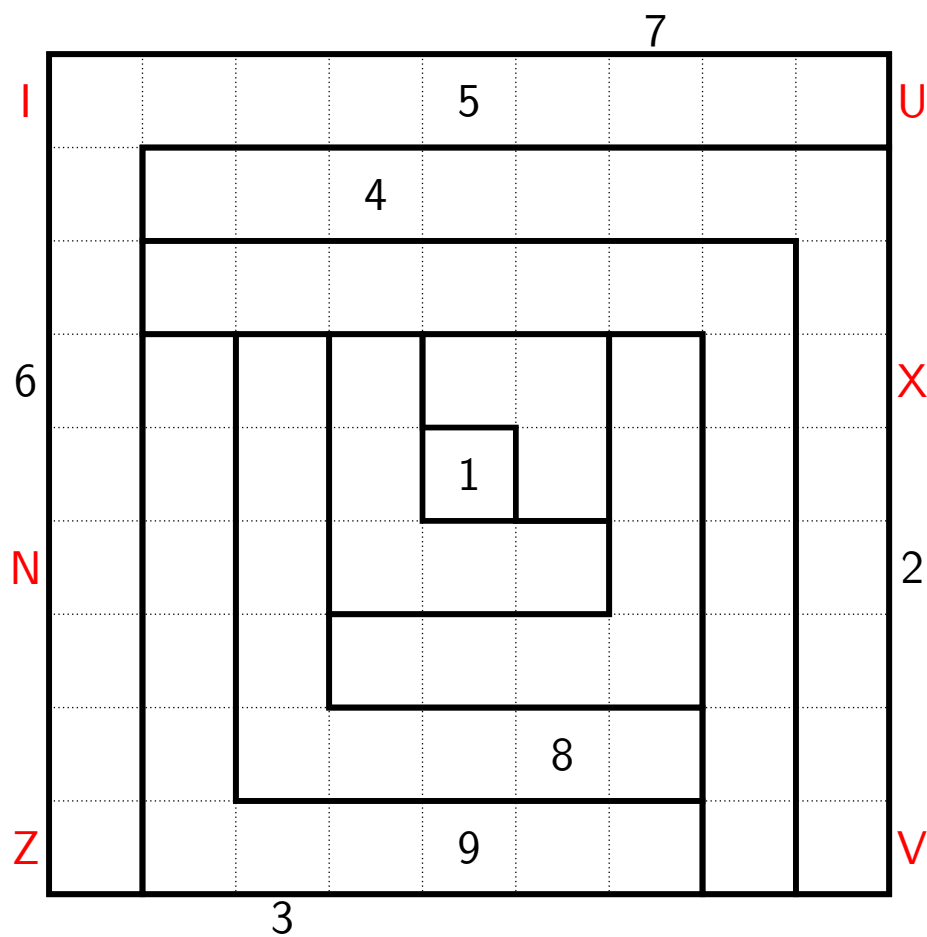
{1:1, 2:[2, 3], 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}

digit(s) 7 cannot be assigned to any hook



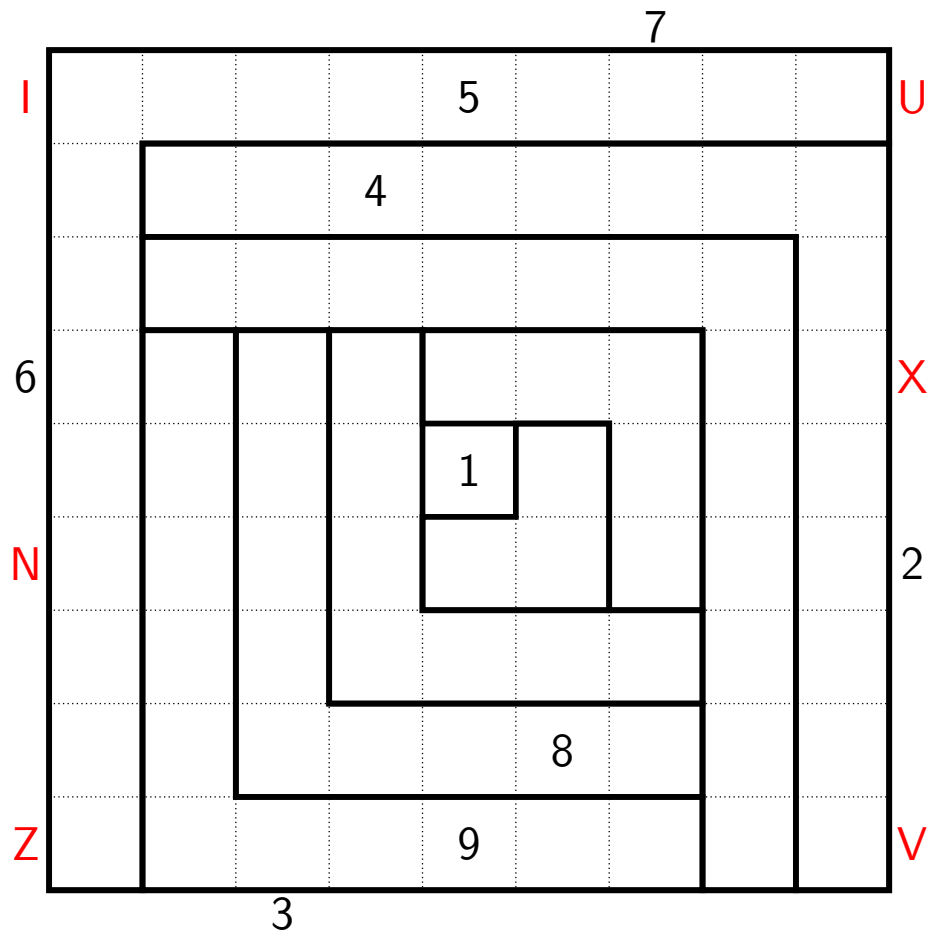
{1:1, 2:3, 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}

digit(s) 7 cannot be assigned to any hook



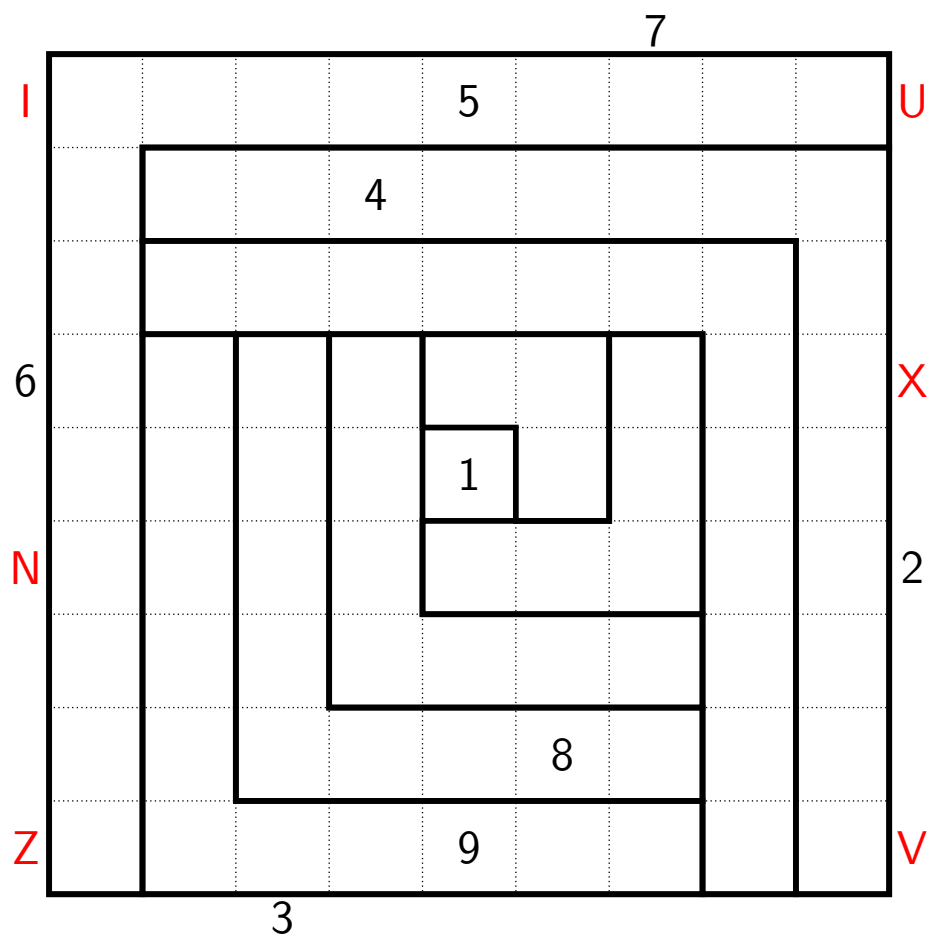
{1:1, 2:3, 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}

digit(s) 7 cannot be assigned to any hook



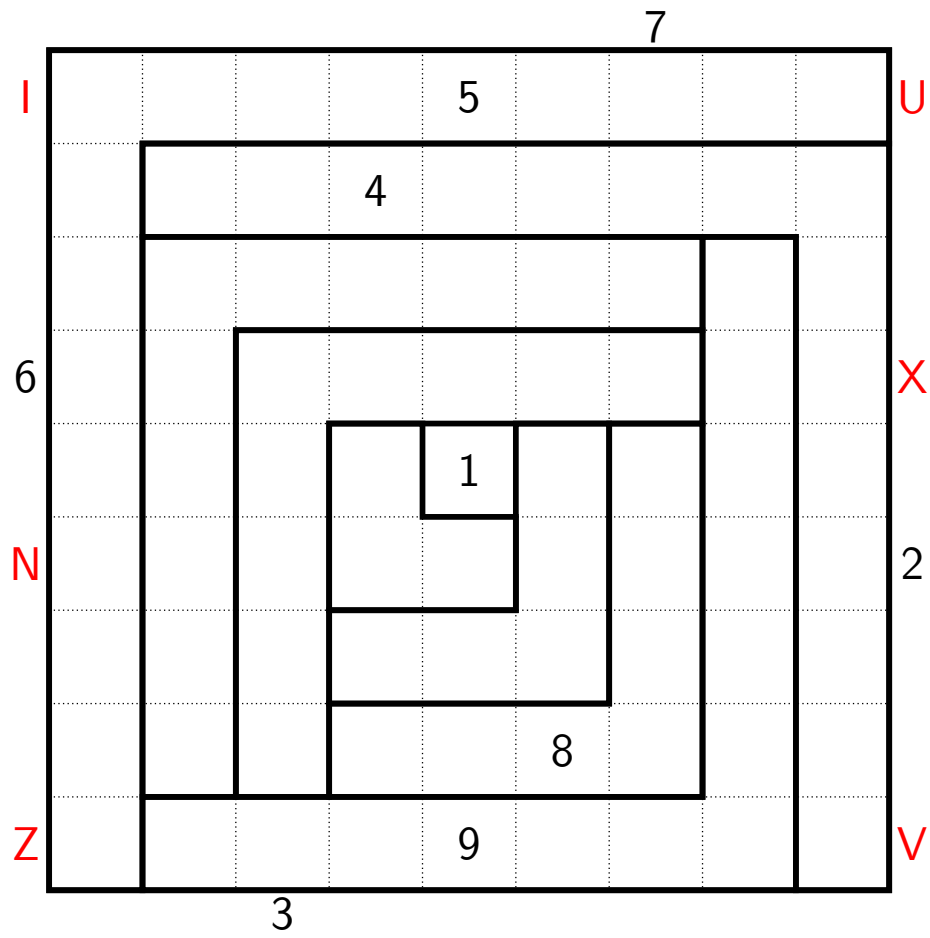
{1:1, 2:[2, 3], 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}

digit(s) 7 cannot be assigned to any hook



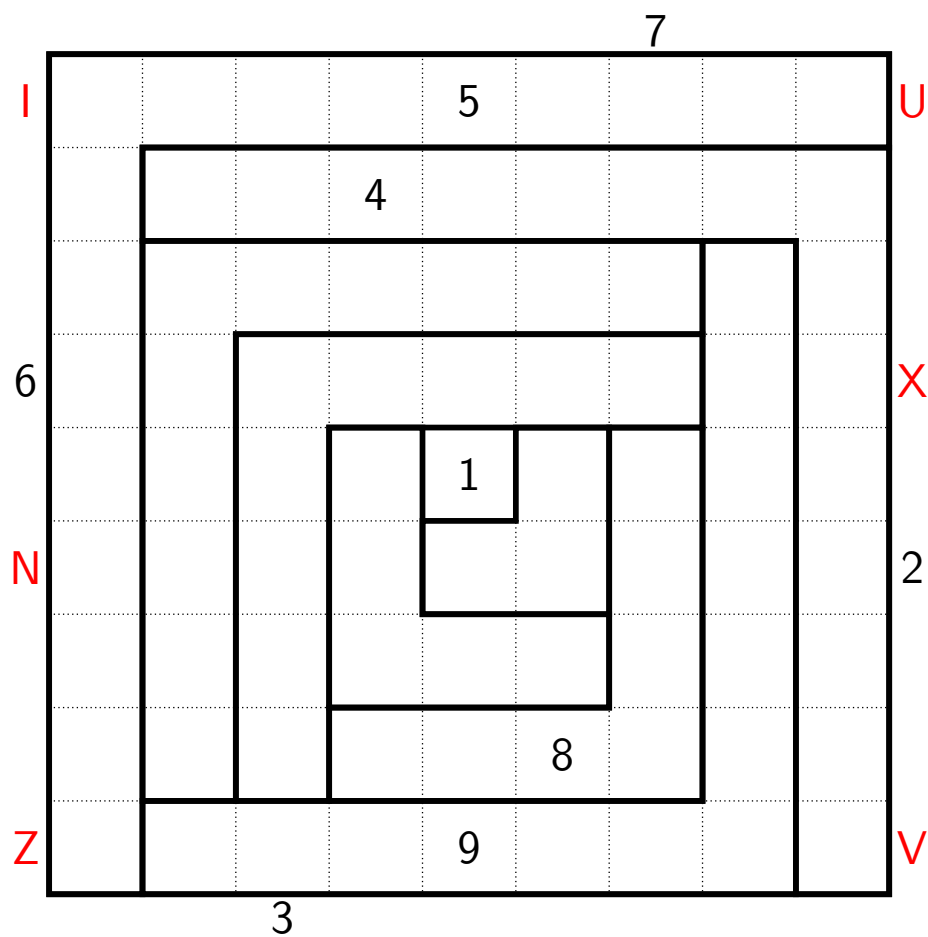
{1:1, 2:3, 3:7, 4:8, 5:9, 6:4, 7:[], 8:5, 9:6}

digit(s) 7 cannot be assigned to any hook



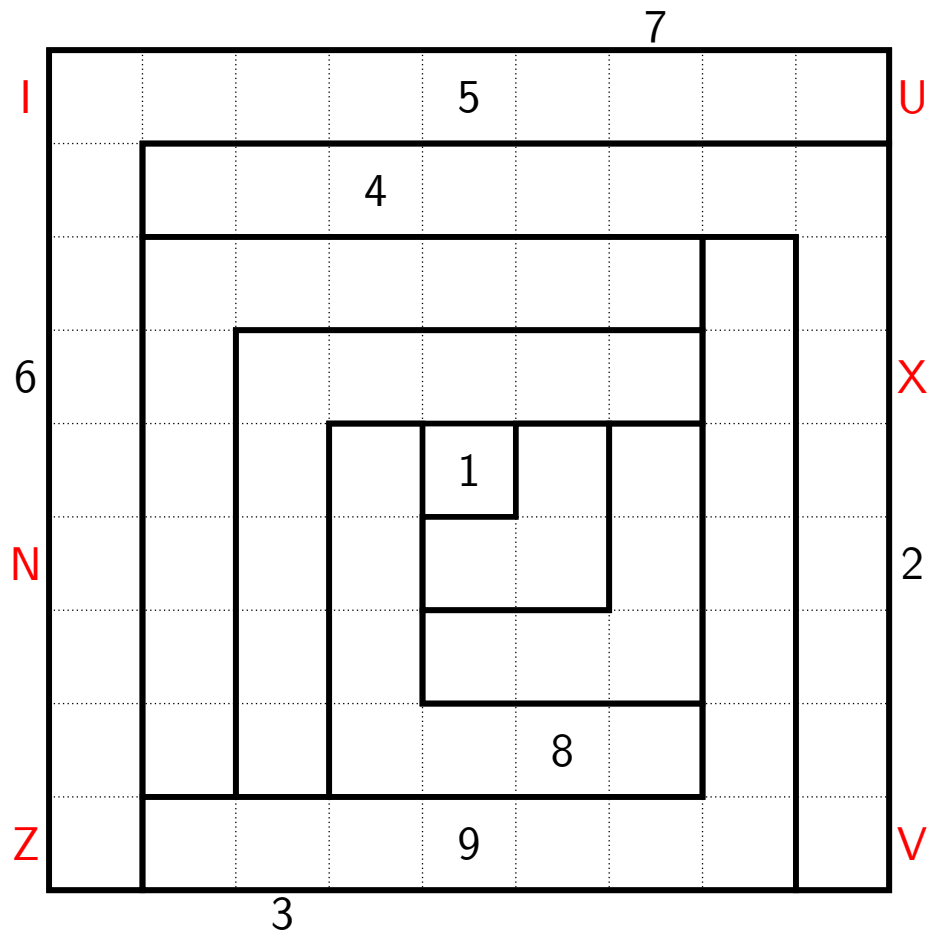
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:7}

hook 4 is too small for digit 8



{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:7}

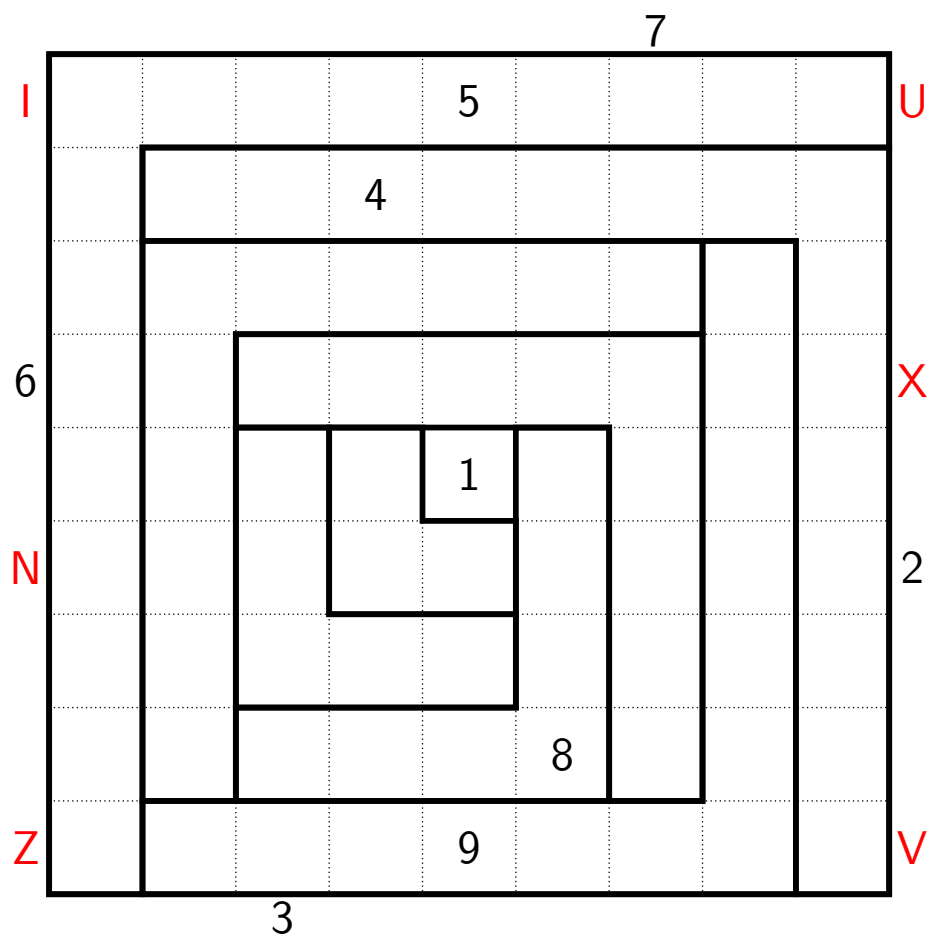
hook 4 is too small for digit 8



{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:7}

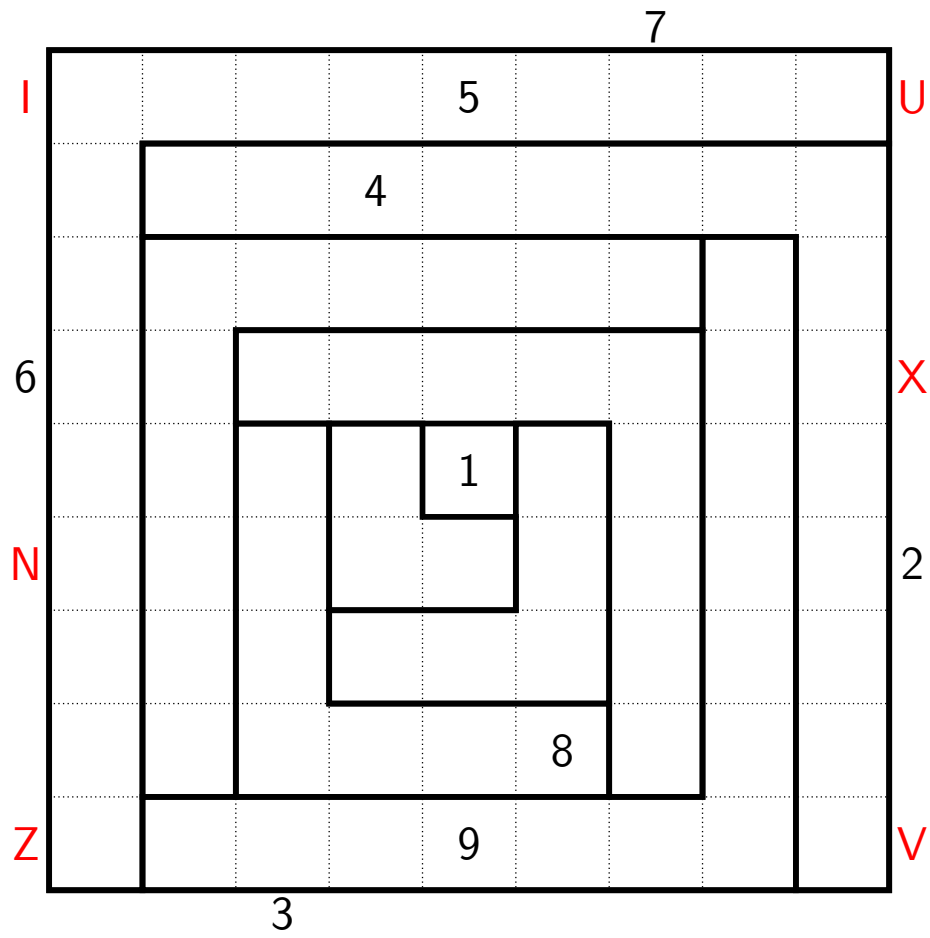
hook 4 is too small for digit 8





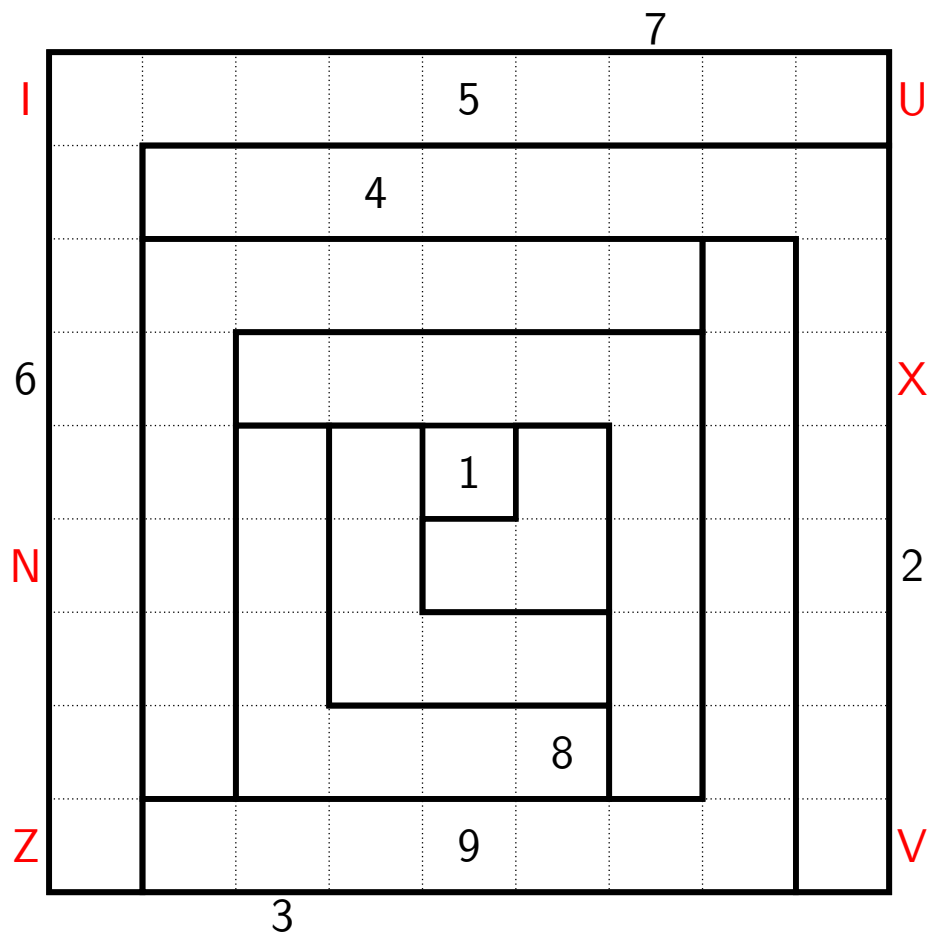
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:7}

hook 4 is too small for digit 8



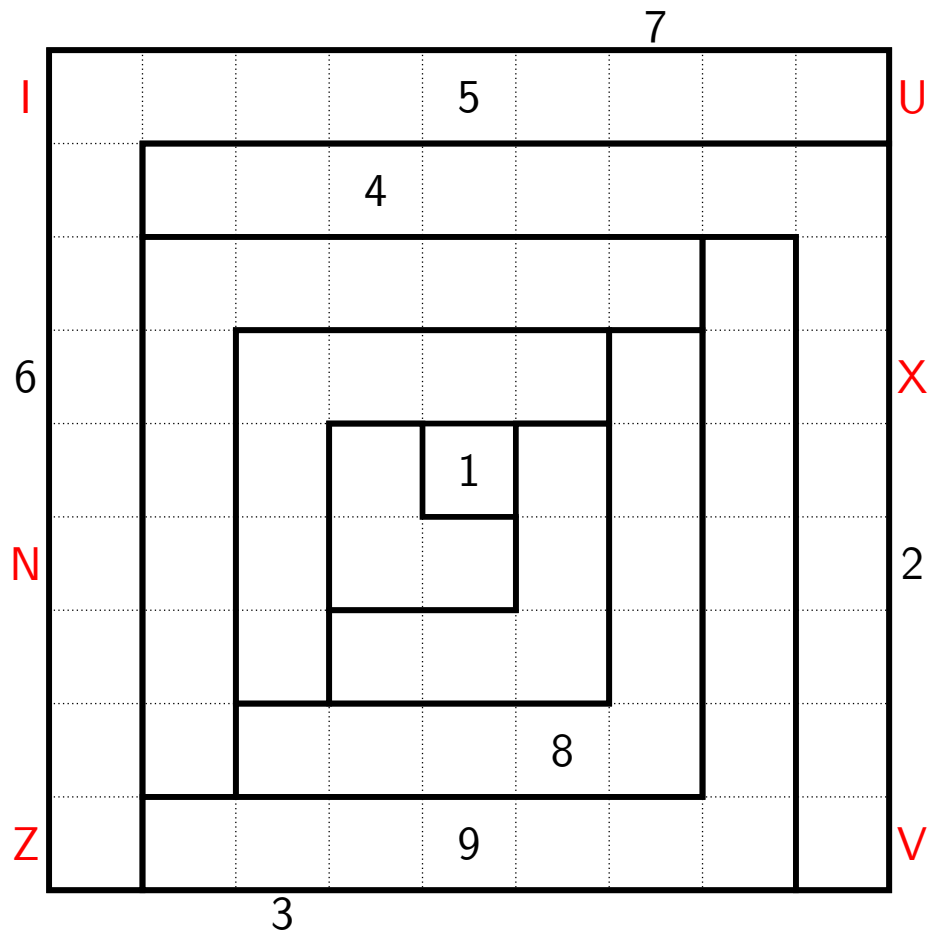
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:7}

hook 4 is too small for digit 8



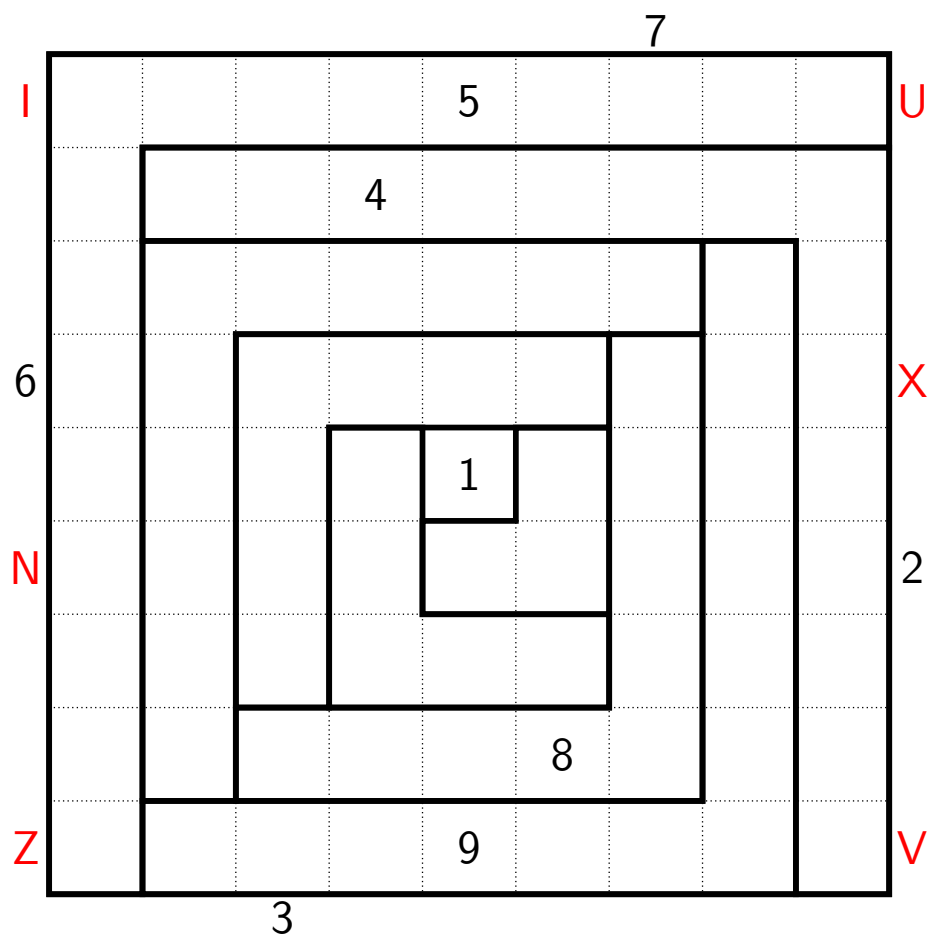
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:7}

hook 4 is too small for digit 8



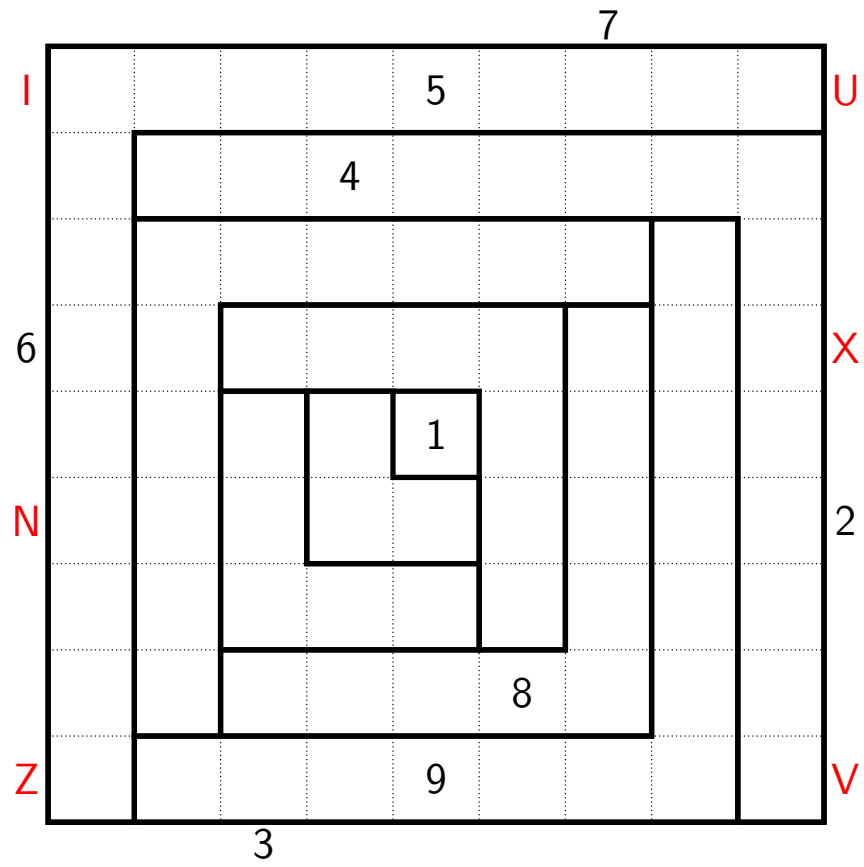
{1:1, 2:[2, 3], 3:4, 4:8, 5:9, 6:4, 7:6, 8:5, 9:7}

digits 3,6 are fighting over hook 4

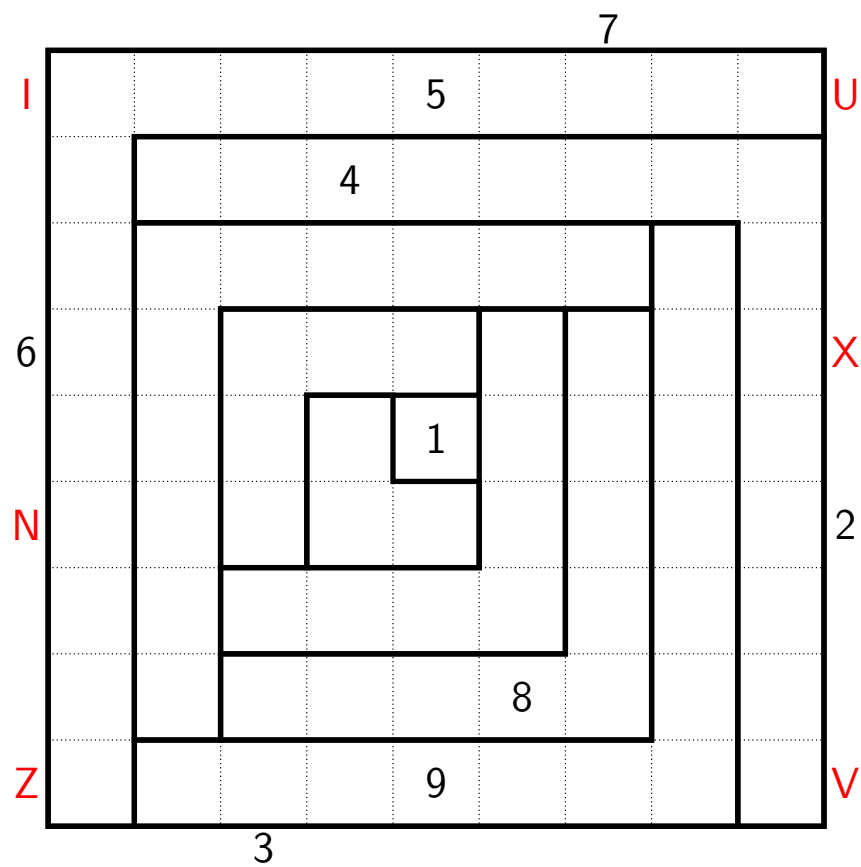


{1:1, 2:[2, 3], 3:4, 4:8, 5:9, 6:4, 7:6, 8:5, 9:7}

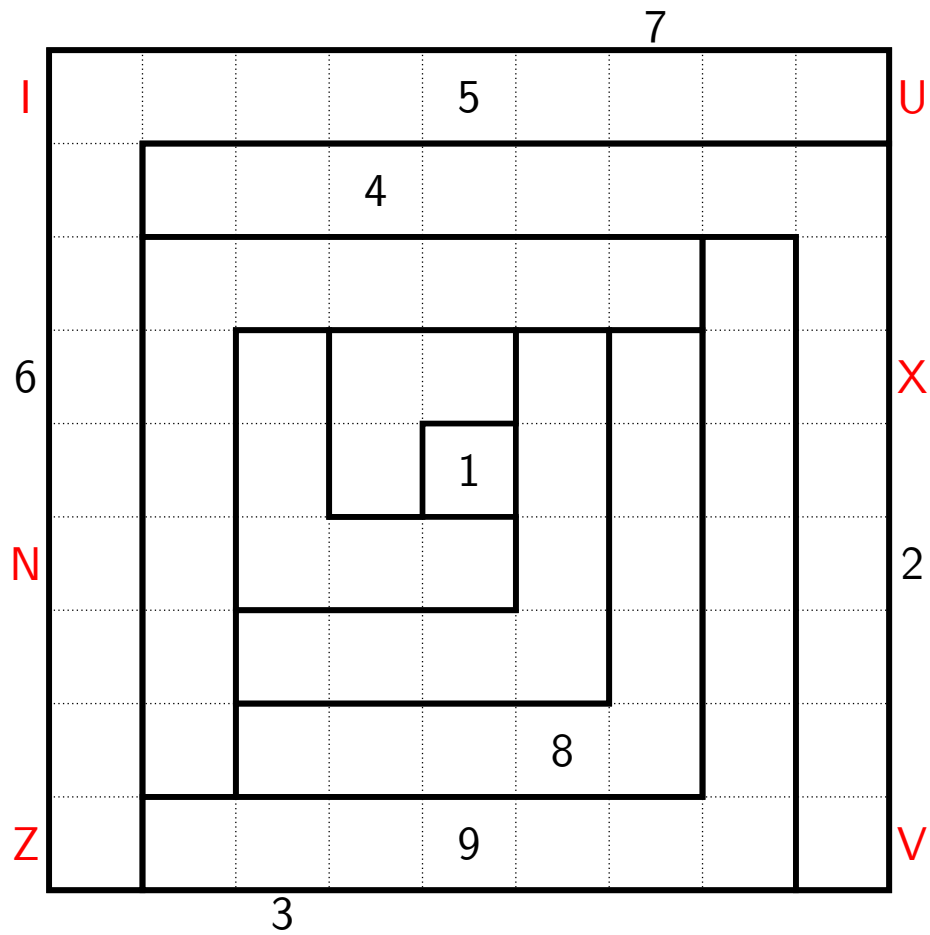
digits 3,6 are fighting over hook 4



—1 : 1, 2 : 2, 3 : 3, 4 : 8, 5 : 9, 6 : 4, 7 : 6, 8 : 5, 9 : 7''



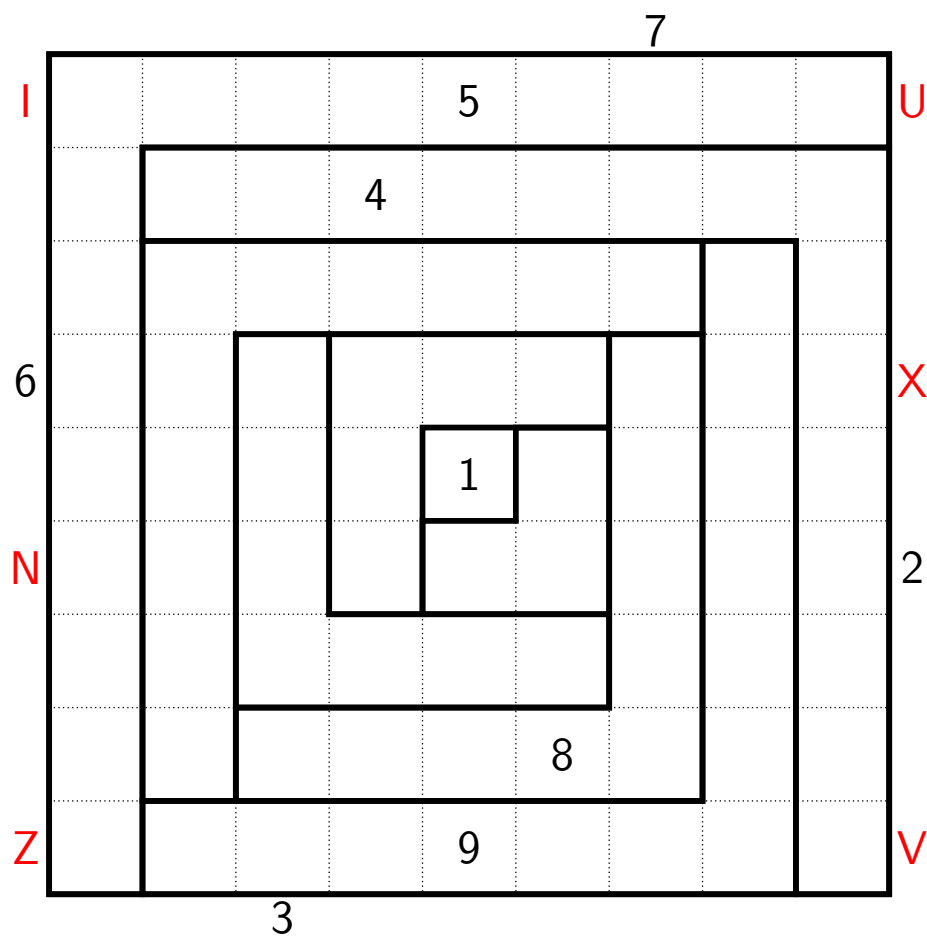
—1 : 1, 2 : 2, 3 : 3, 4 : 8, 5 : 9, 6 : 4, 7 : 6, 8 : 5, 9 : 7''



{1:1, 2:3, 3:3, 4:8, 5:9, 6:4, 7:6, 8:5, 9:7}

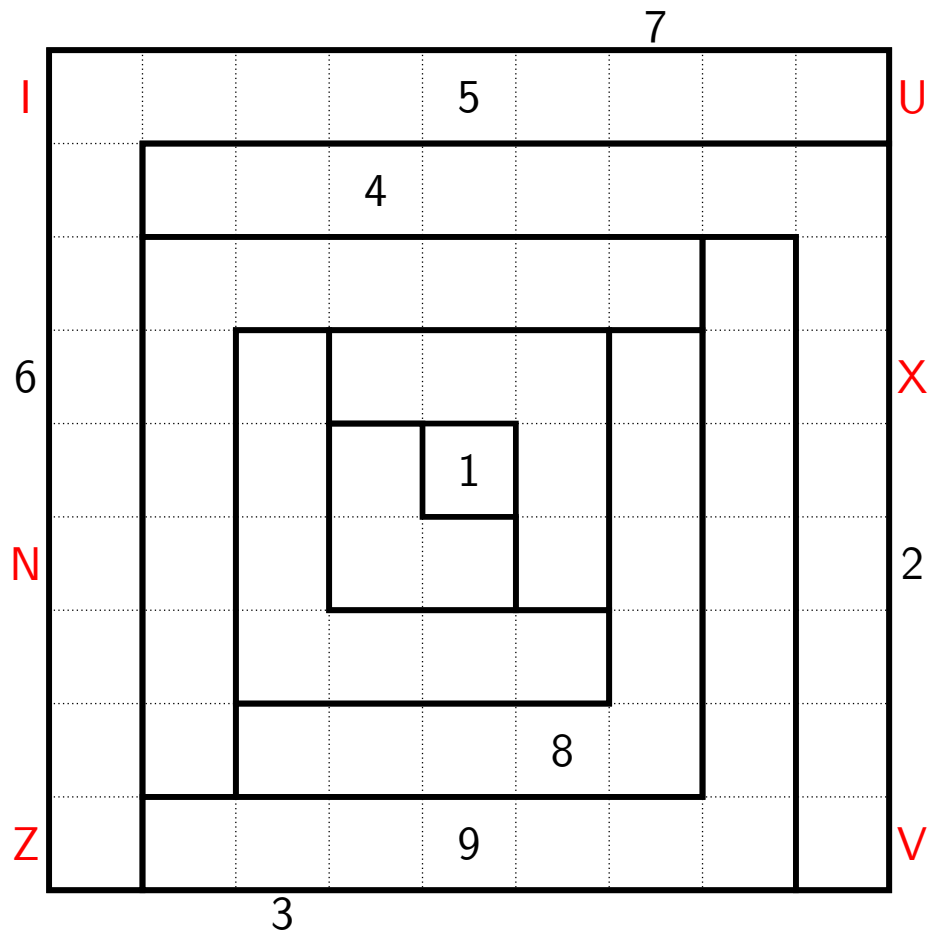
digits 2,3 are fighting over hook 3





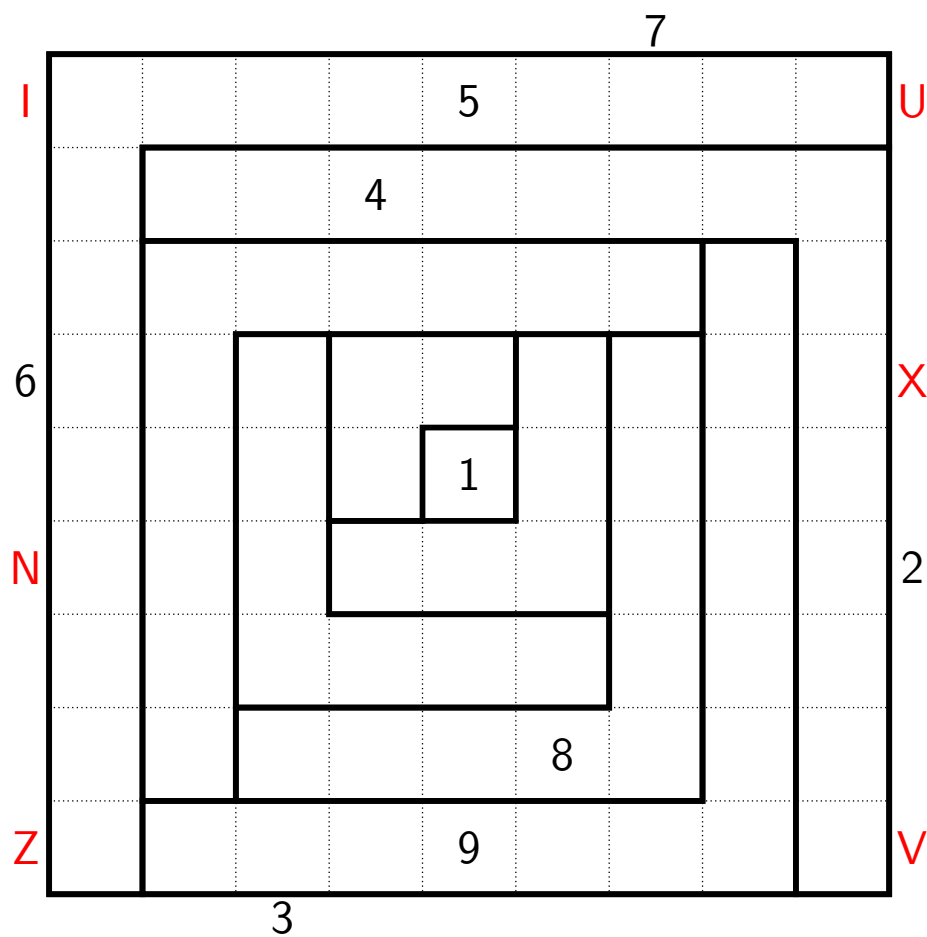
{1:1, 2:[2, 3], 3:4, 4:8, 5:9, 6:4, 7:6, 8:5, 9:7}

digits 3,6 are fighting over hook 4



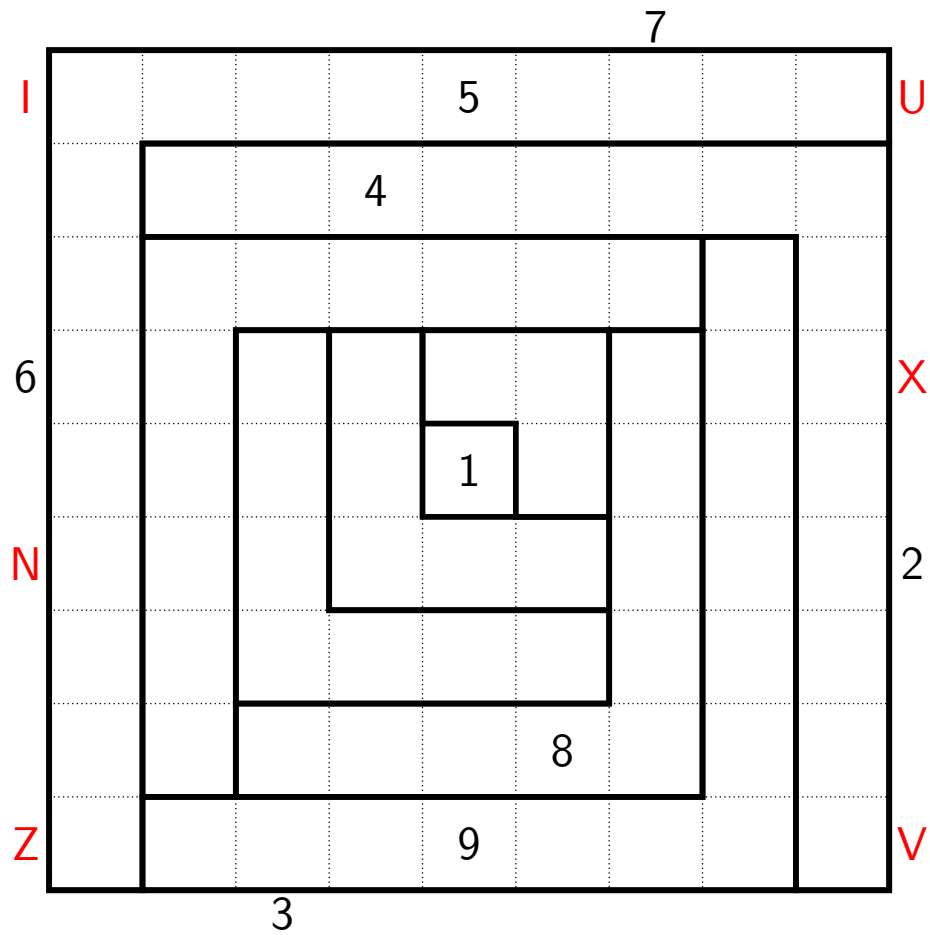
{1:1, 2:[2, 3], 3:4, 4:8, 5:9, 6:4, 7:6, 8:5, 9:7}

digits 3,6 are fighting over hook 4



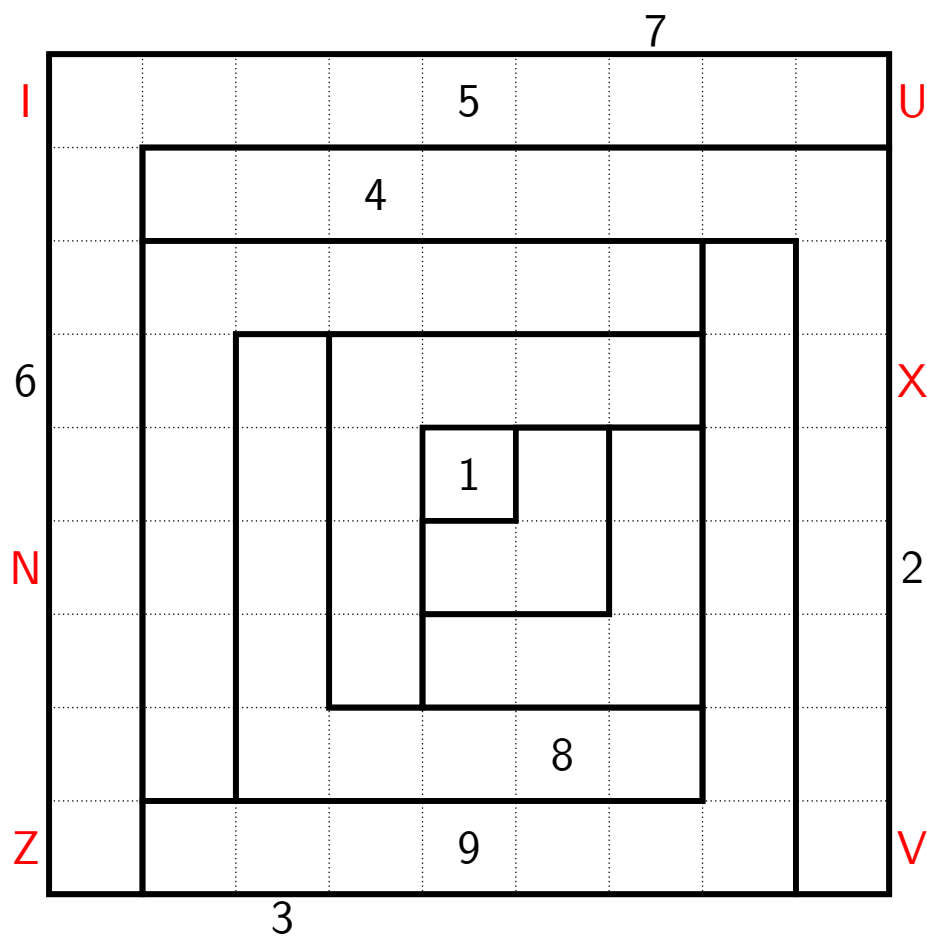
{1:1, 2:3, 3:4, 4:8, 5:9, 6:4, 7:6, 8:5, 9:7}

digits 3,6 are fighting over hook 4



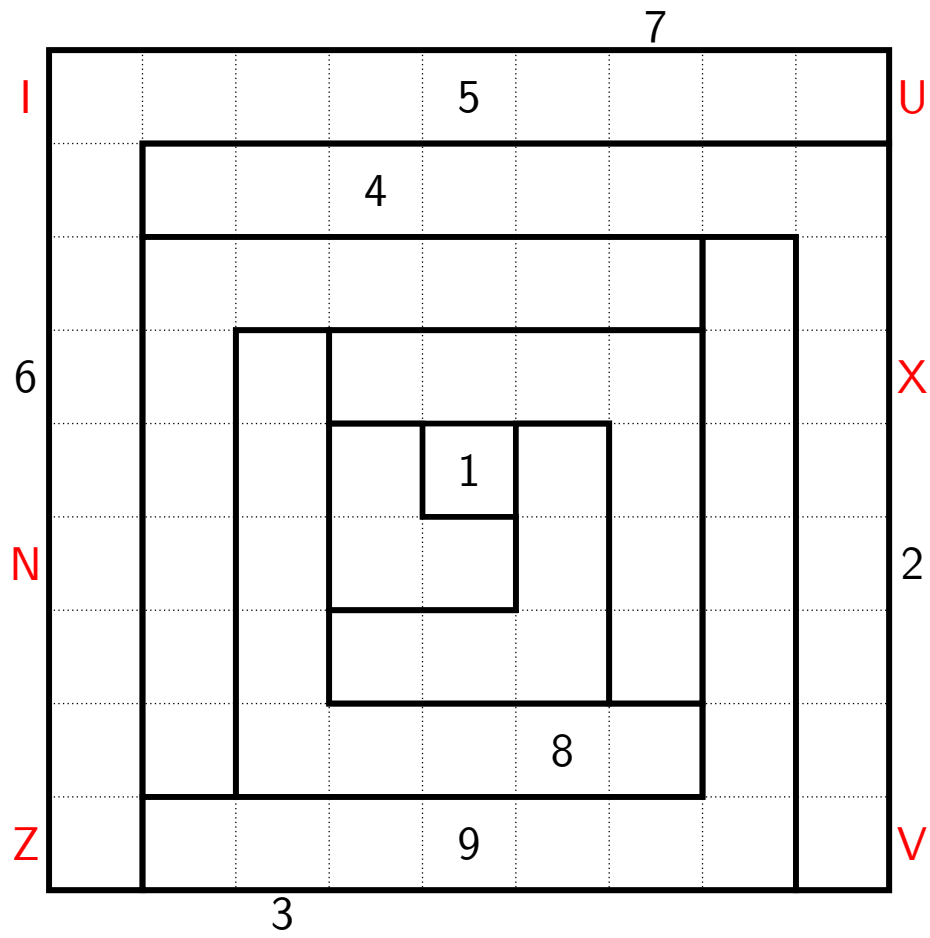
{1:1, 2:3, 3:4, 4:8, 5:9, 6:4, 7:6, 8:5, 9:7}

digits 3,6 are fighting over hook 4



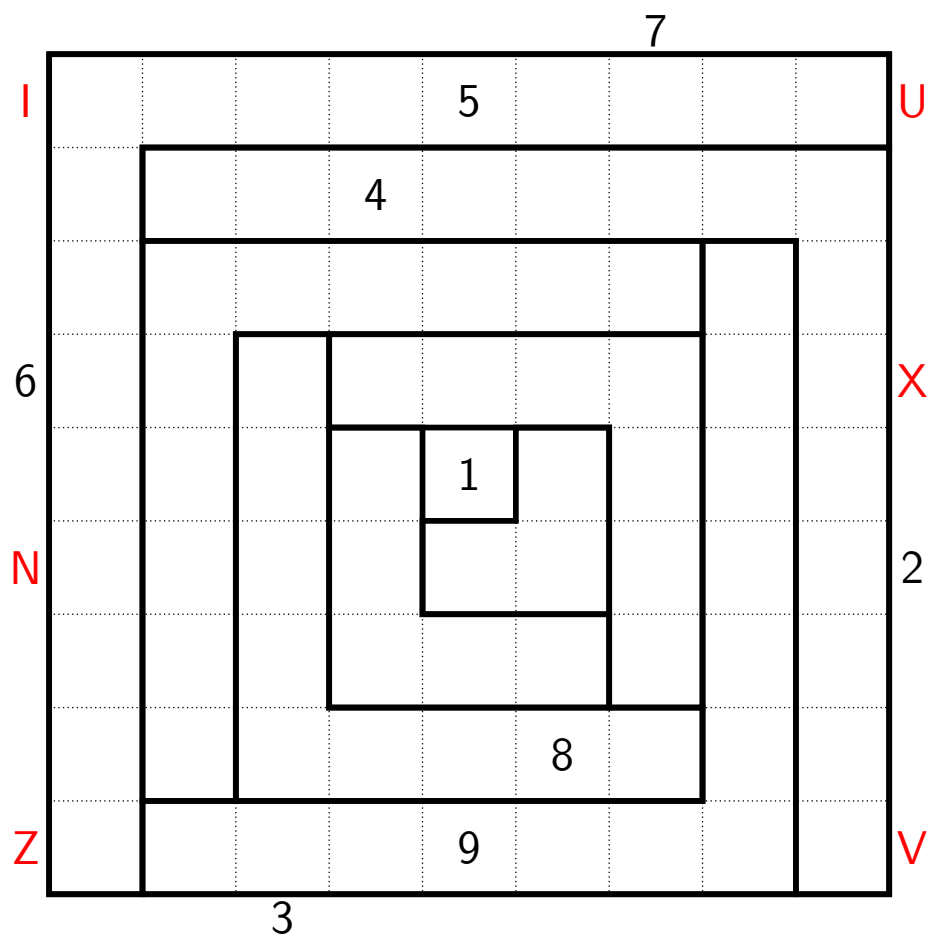
{1:1, 2:[2, 3], 3:6, 4:8, 5:9, 6:4, 7:[], 8:5, 9:7}

digit(s) 7 cannot be assigned to any hook



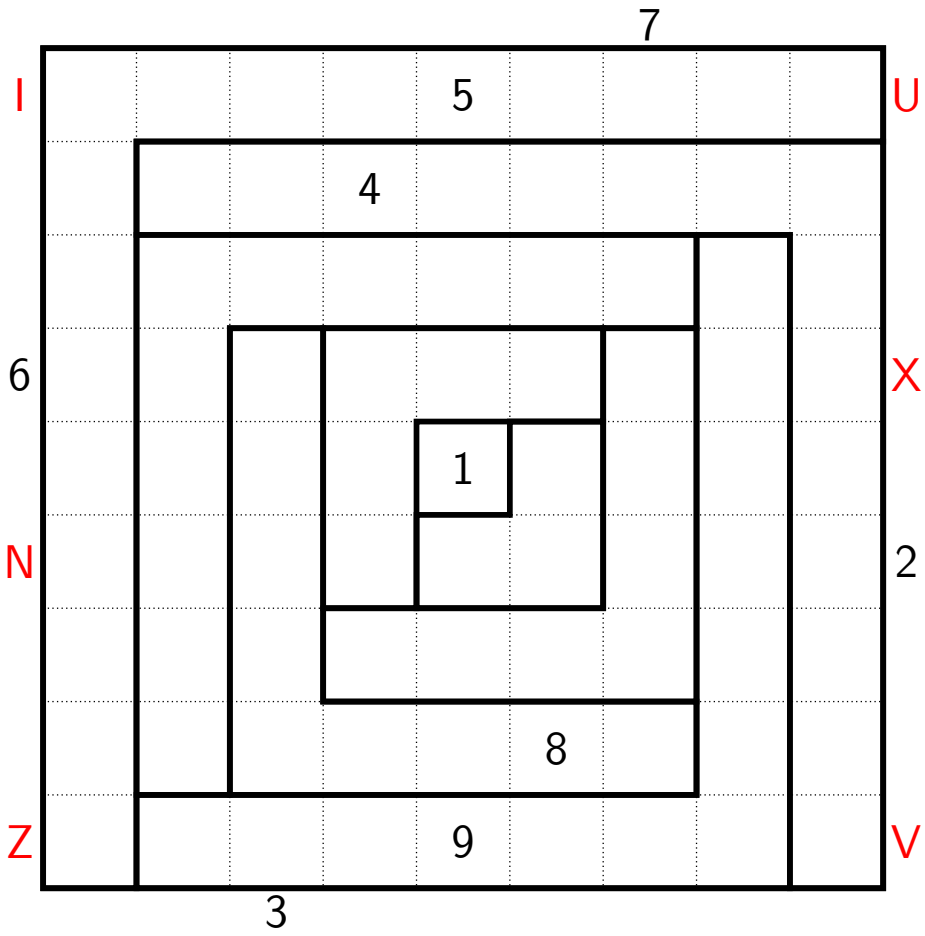
{1:1, 2:[2, 3], 3:6, 4:8, 5:9, 6:4, 7:[], 8:5, 9:7}

digit(s) 7 cannot be assigned to any hook



{1:1, 2:[2, 3], 3:6, 4:8, 5:9, 6:4, 7:[], 8:5, 9:7}

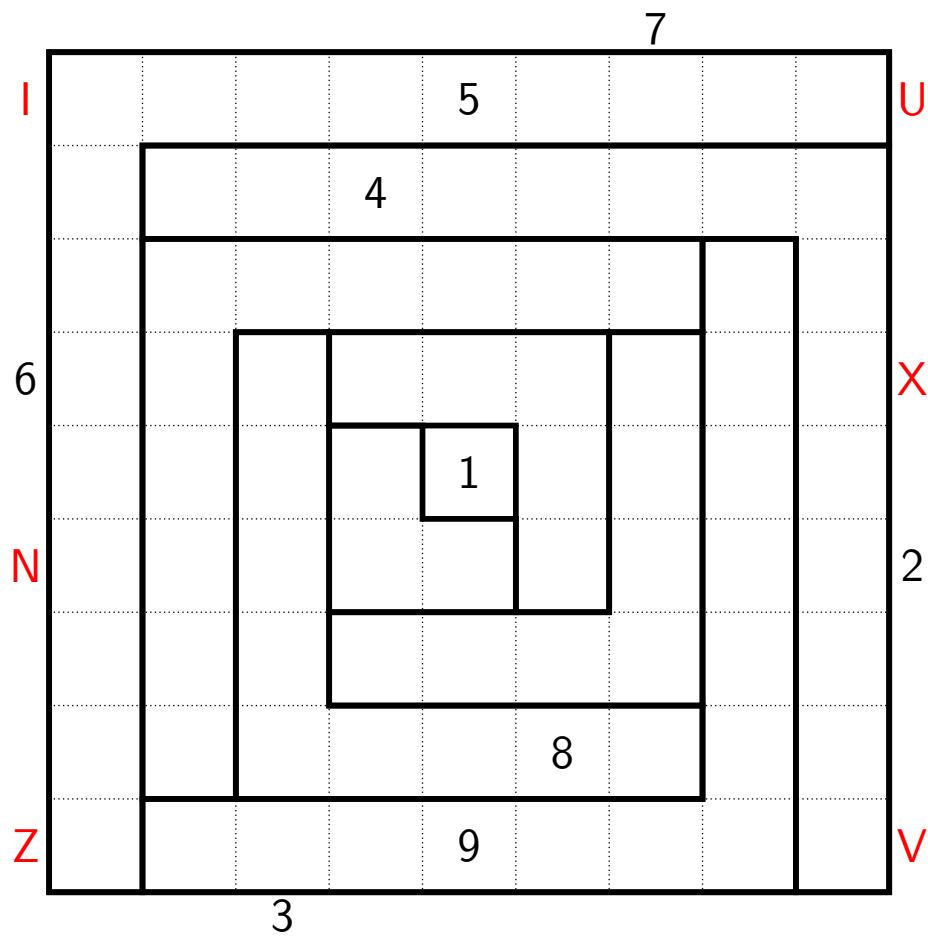
digit(s) 7 cannot be assigned to any hook



```
{1:1, 2:[2, 3], 3:6, 4:8, 5:9, 6:4, 7:[], 8:5, 9:7}
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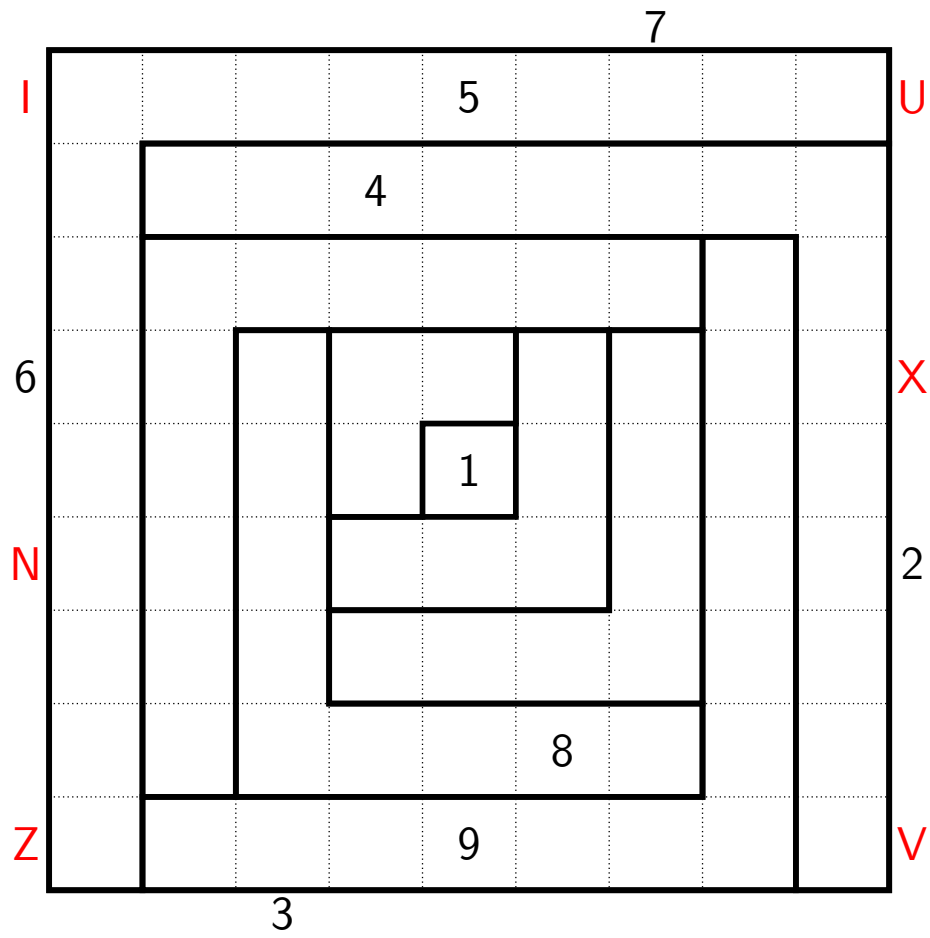
digit(s) 7 cannot be assigned to any hook





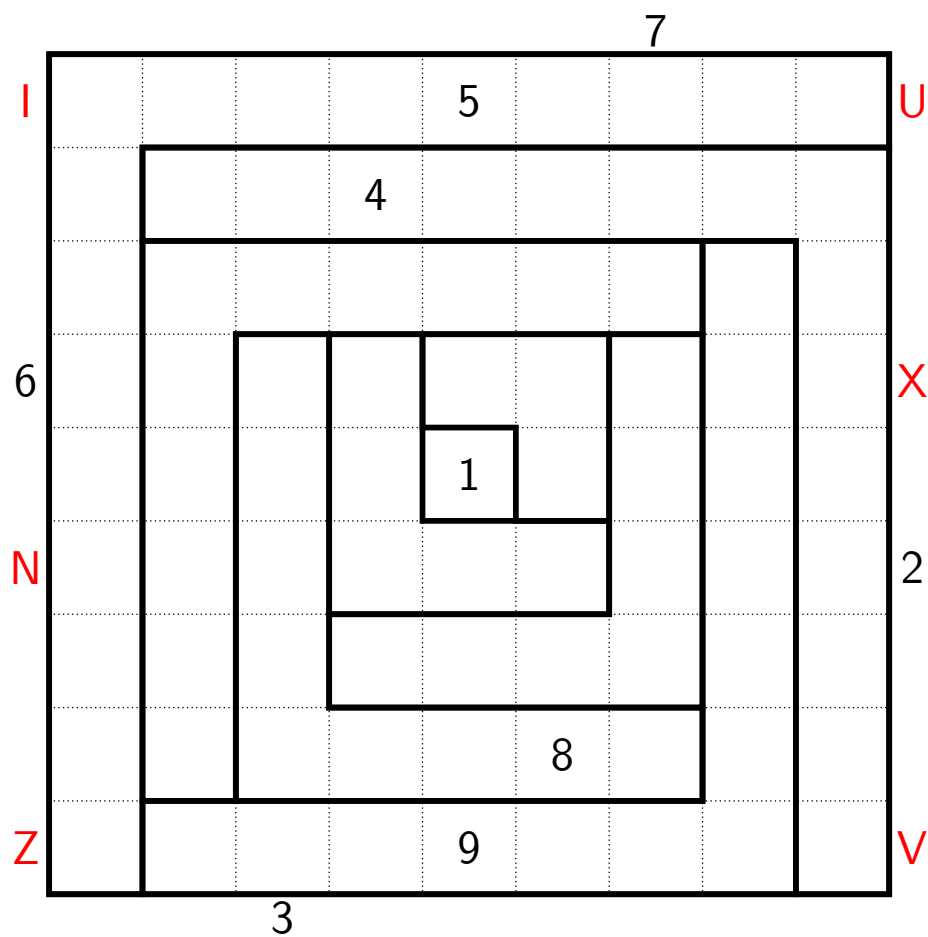
{1:1, 2:[2, 3], 3:6, 4:8, 5:9, 6:4, 7:[], 8:5, 9:7}

digit(s) 7 cannot be assigned to any hook



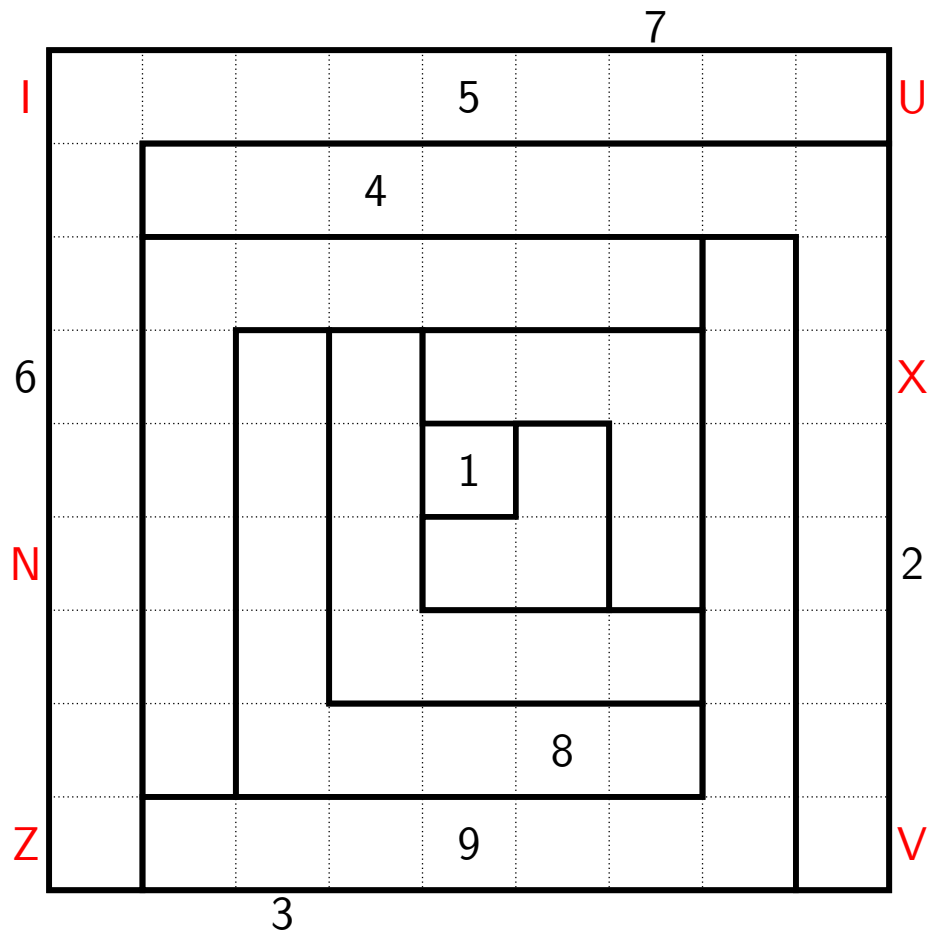
{1:1, 2:3, 3:6, 4:8, 5:9, 6:4, 7:[], 8:5, 9:7}

digit(s) 7 cannot be assigned to any hook



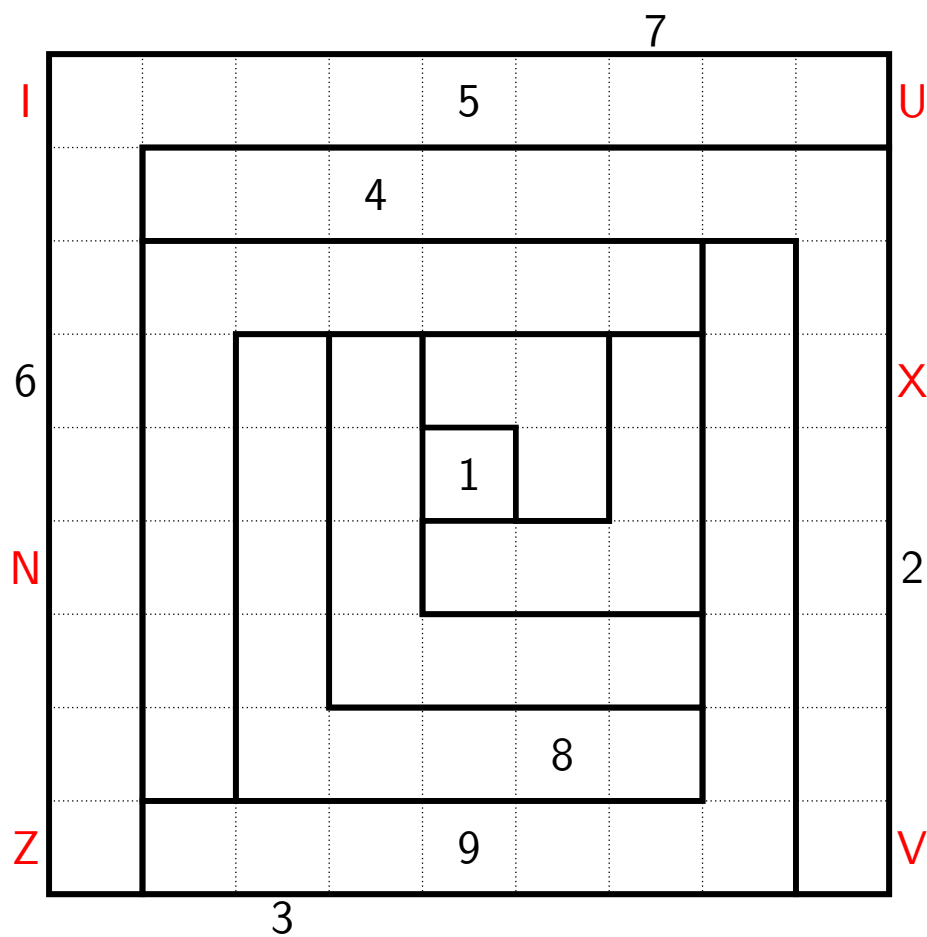
{1:1, 2:3, 3:6, 4:8, 5:9, 6:4, 7:[], 8:5, 9:7}

digit(s) 7 cannot be assigned to any hook



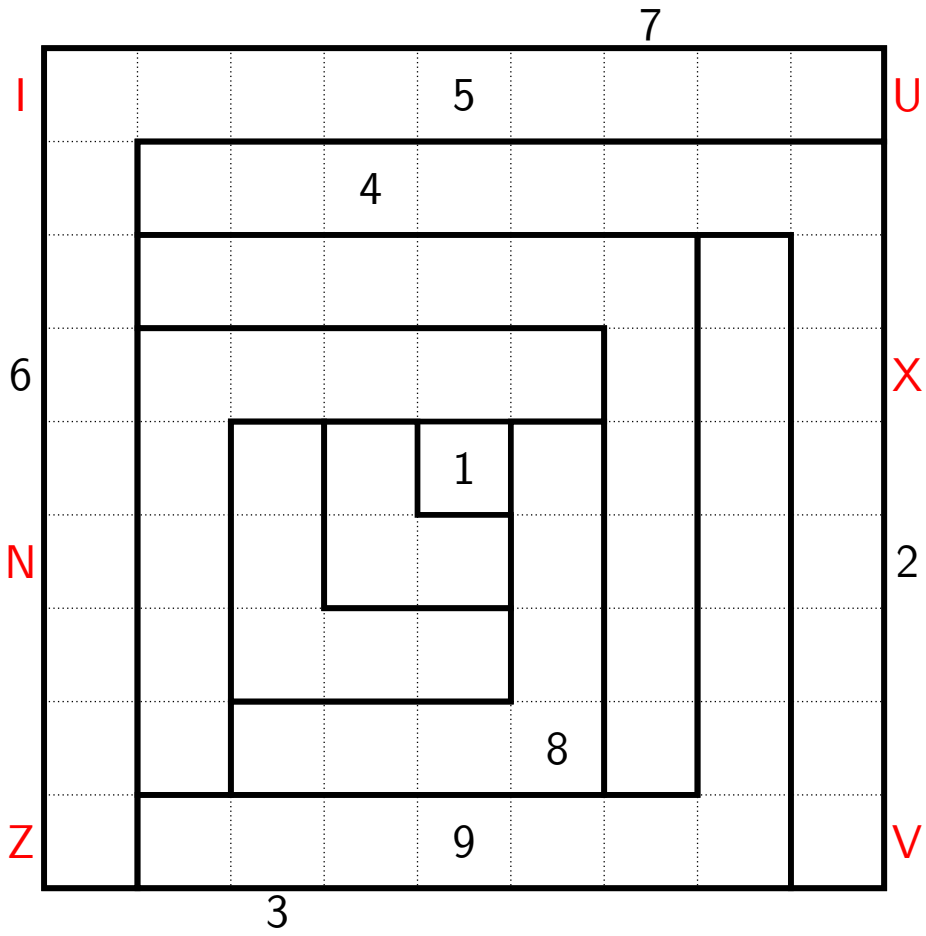
{1:1, 2:[2, 3], 3:6, 4:8, 5:9, 6:4, 7:[], 8:5, 9:7}

digit(s) 7 cannot be assigned to any hook

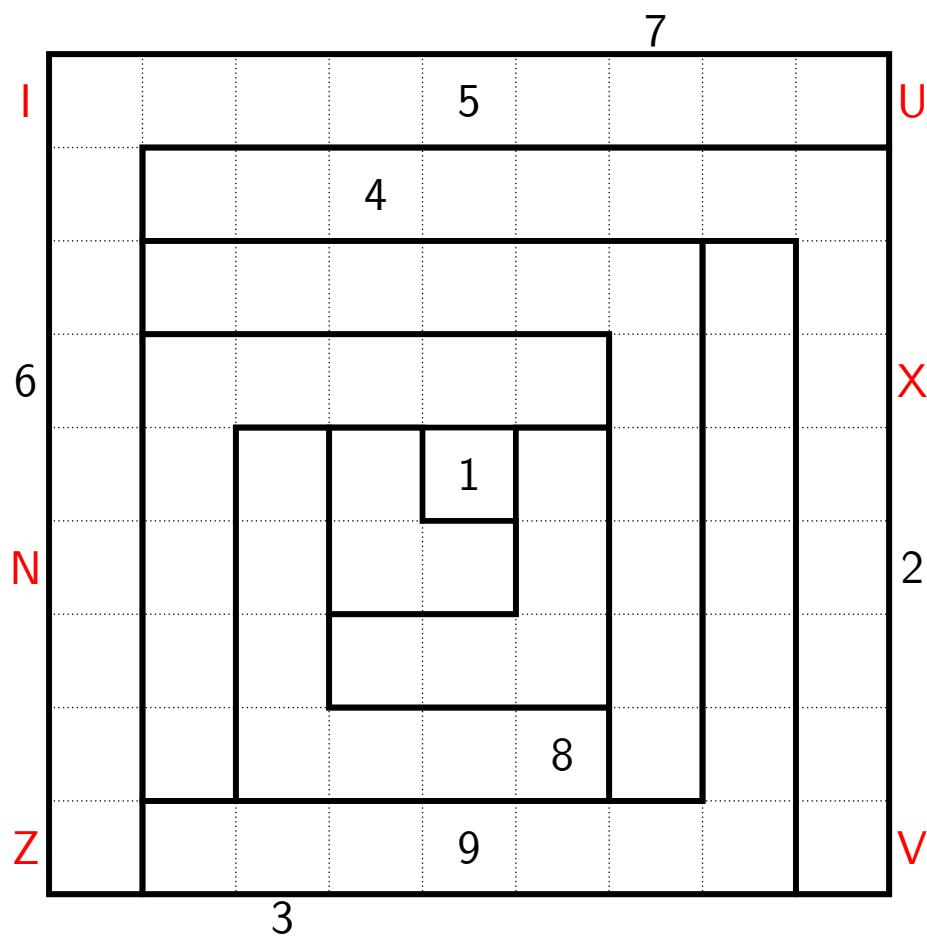


{1:1, 2:3, 3:6, 4:8, 5:9, 6:4, 7:[], 8:5, 9:7}

digit(s) 7 cannot be assigned to any hook

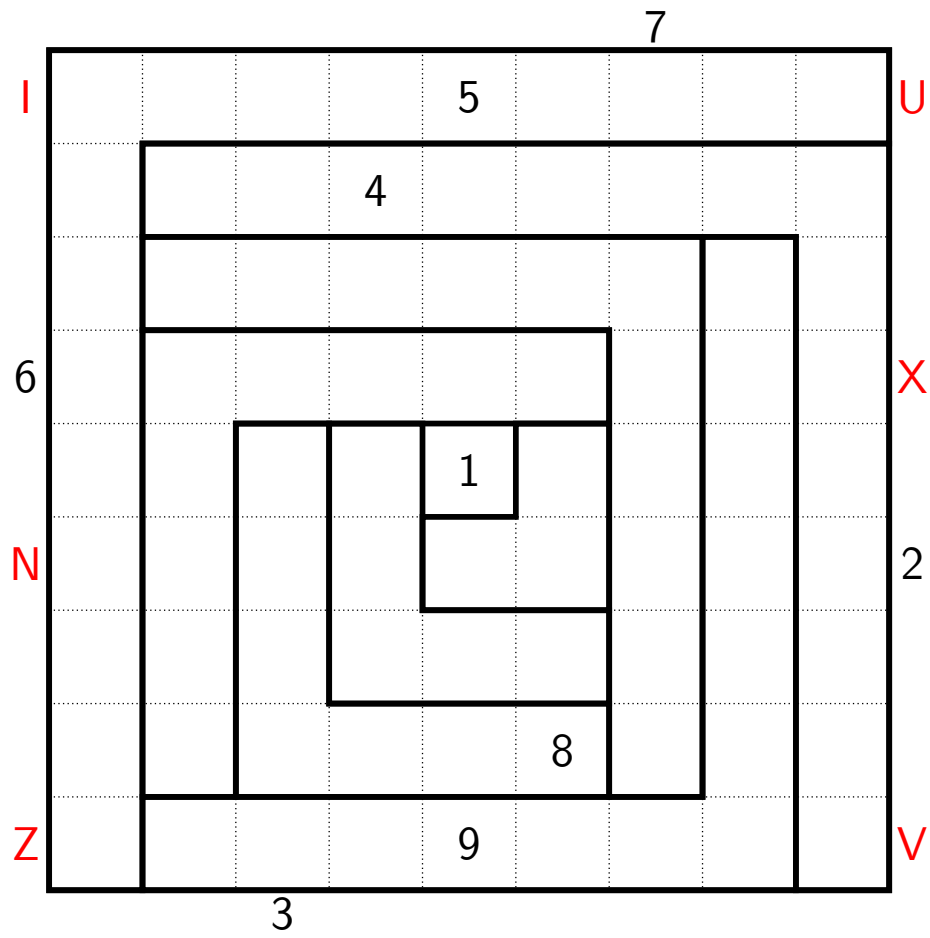

$$\{1:1, 2:\square, 3:\square, 4:\square, 5:\square, 6:\square, 7:\square, 8:\square, 9:7\}$$

hook 4 is too small for digit 8



{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:7}

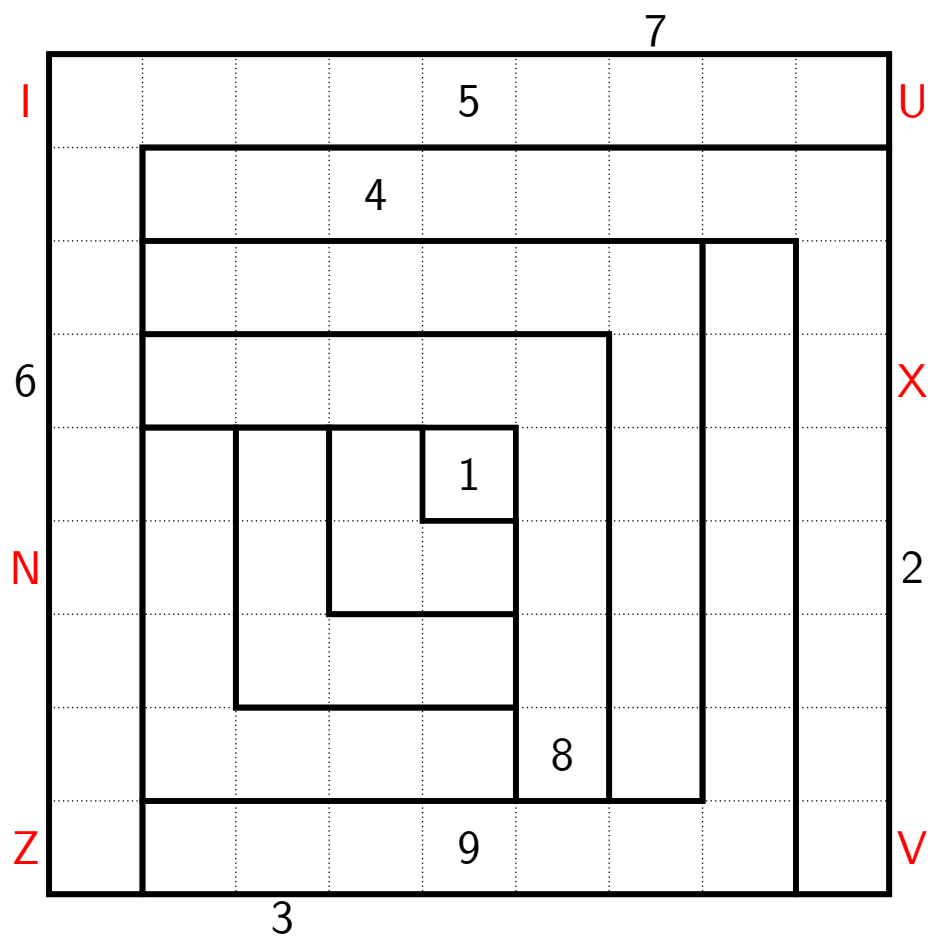
hook 4 is too small for digit 8



{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:7}

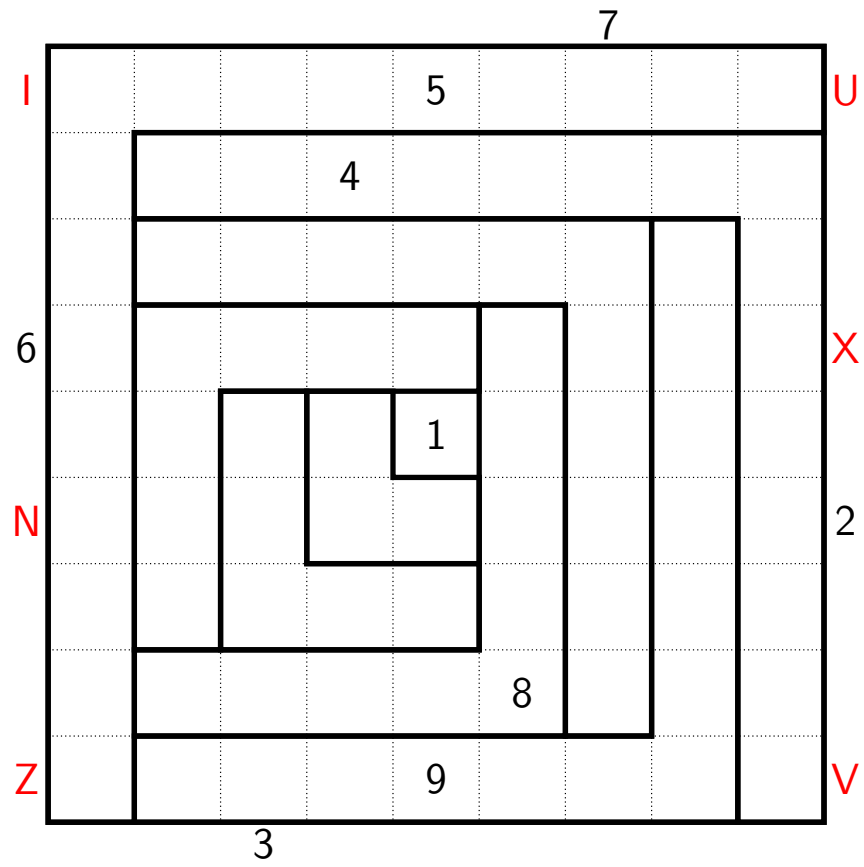
hook 4 is too small for digit 8



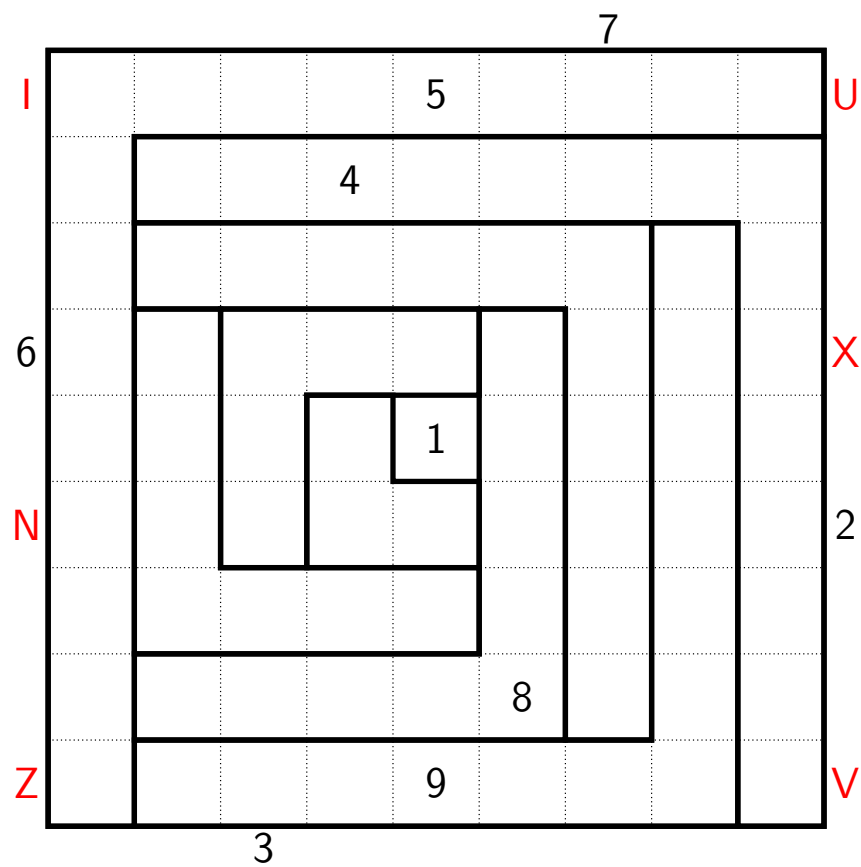


{1:1, 2:[2, 3, 4], 3:[3, 4], 4:8, 5:9, 6:6, 7:[], 8:5, 9:7}

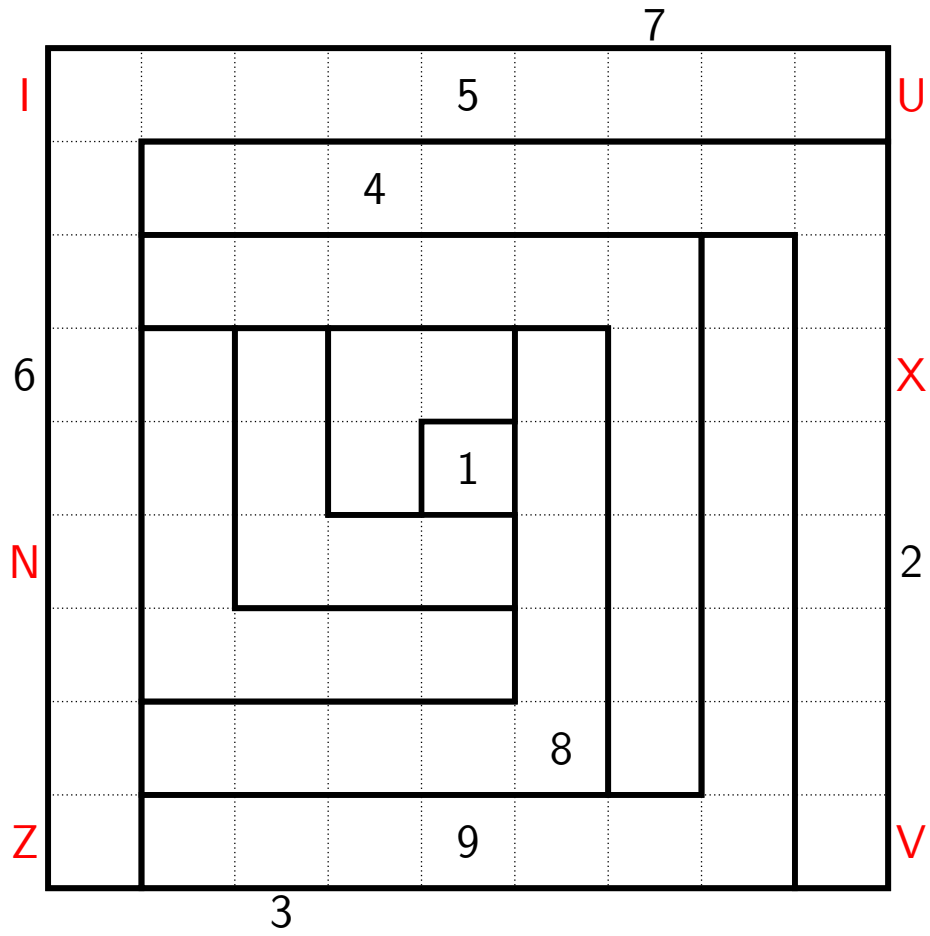
digit(s) 7 cannot be assigned to any hook



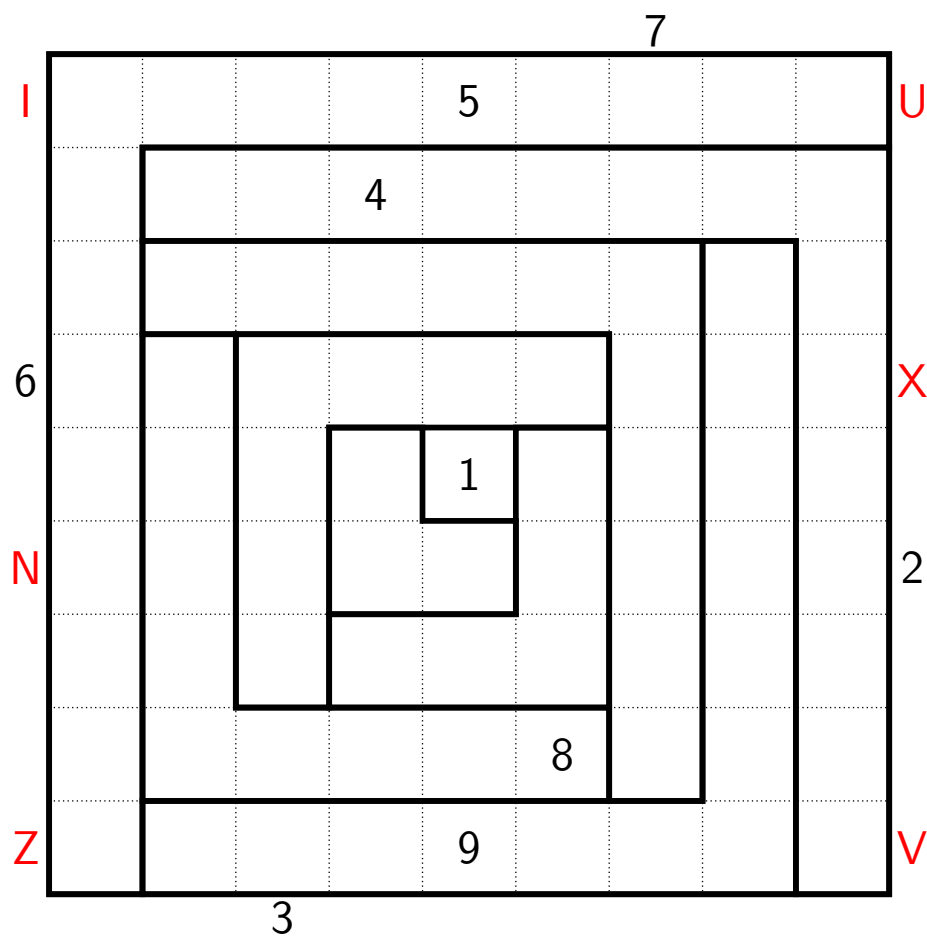
—1 : 1, 2 : 2, 3 : 3, 4 : 8, 5 : 9, 6 : 4, 7 : 6, 8 : 5, 9 : 7''



—1 : 1, 2 : 2, 3 : 3, 4 : 8, 5 : 9, 6 : 4, 7 : 6, 8 : 5, 9 : 7''

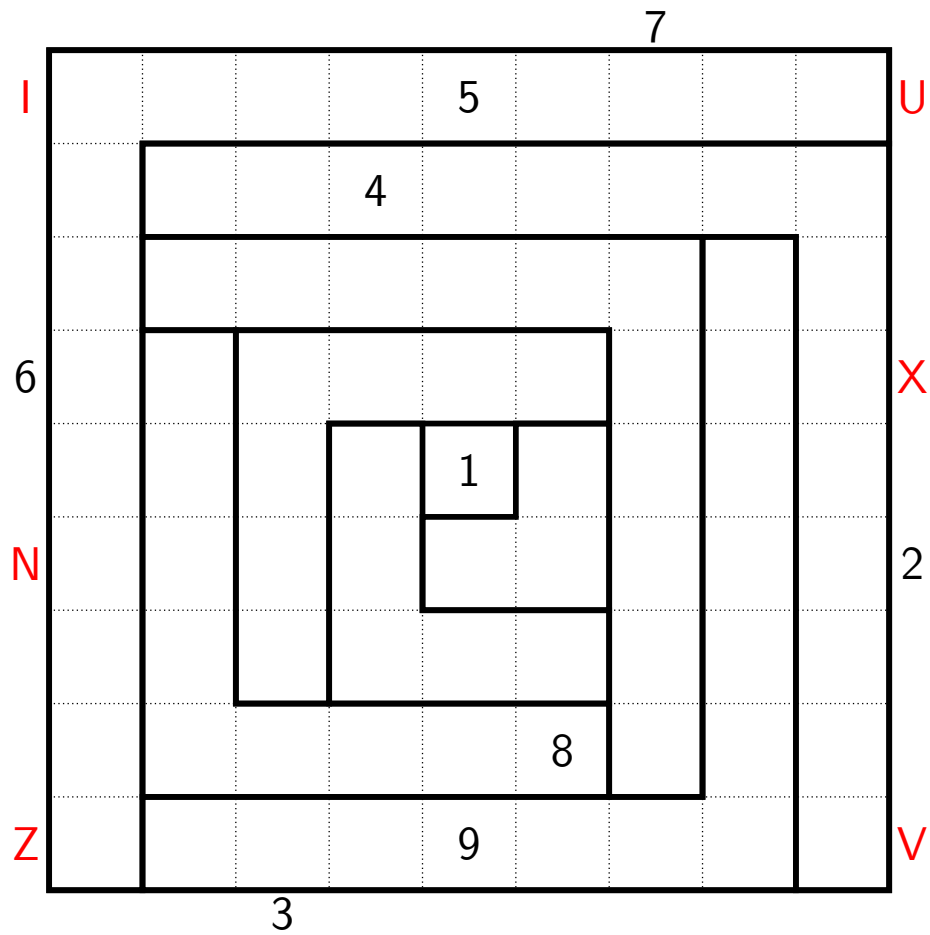

$$\{1:1, 2:3, 3:3, 4:8, 5:9, 6:4, 7:6, 8:5, 9:7\}$$

digits 2,3 are fighting over hook 3



{1:1, 2:[2, 3], 3:4, 4:8, 5:9, 6:4, 7:6, 8:5, 9:7}

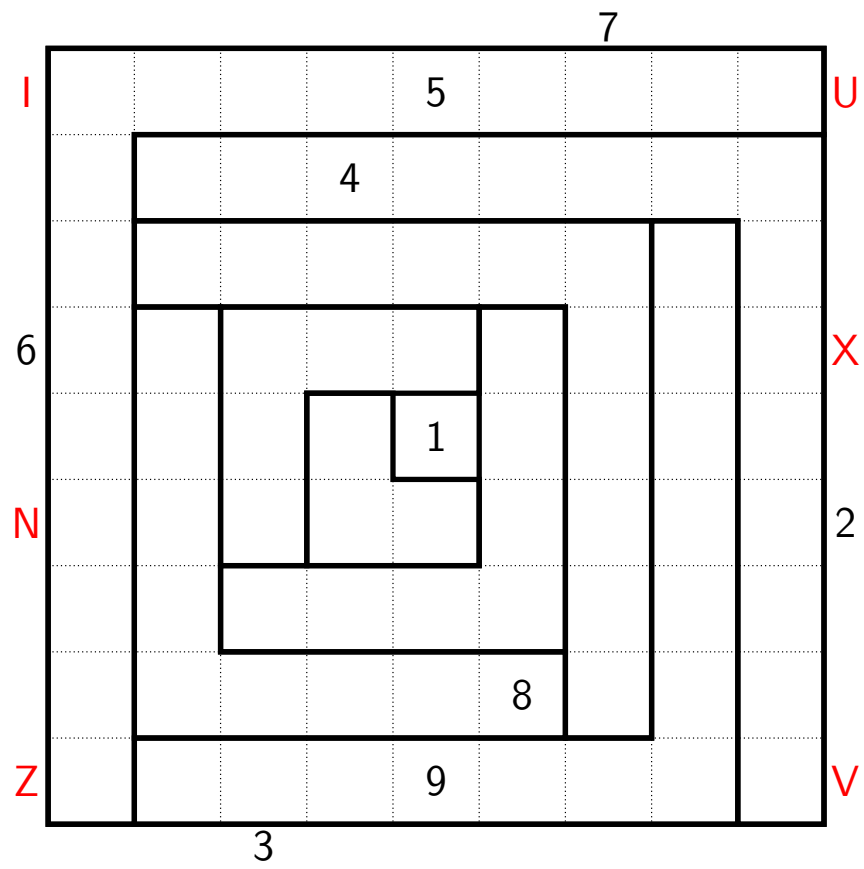
digits 3,6 are fighting over hook 4



{1:1, 2:[2, 3], 3:4, 4:8, 5:9, 6:4, 7:6, 8:5, 9:7}

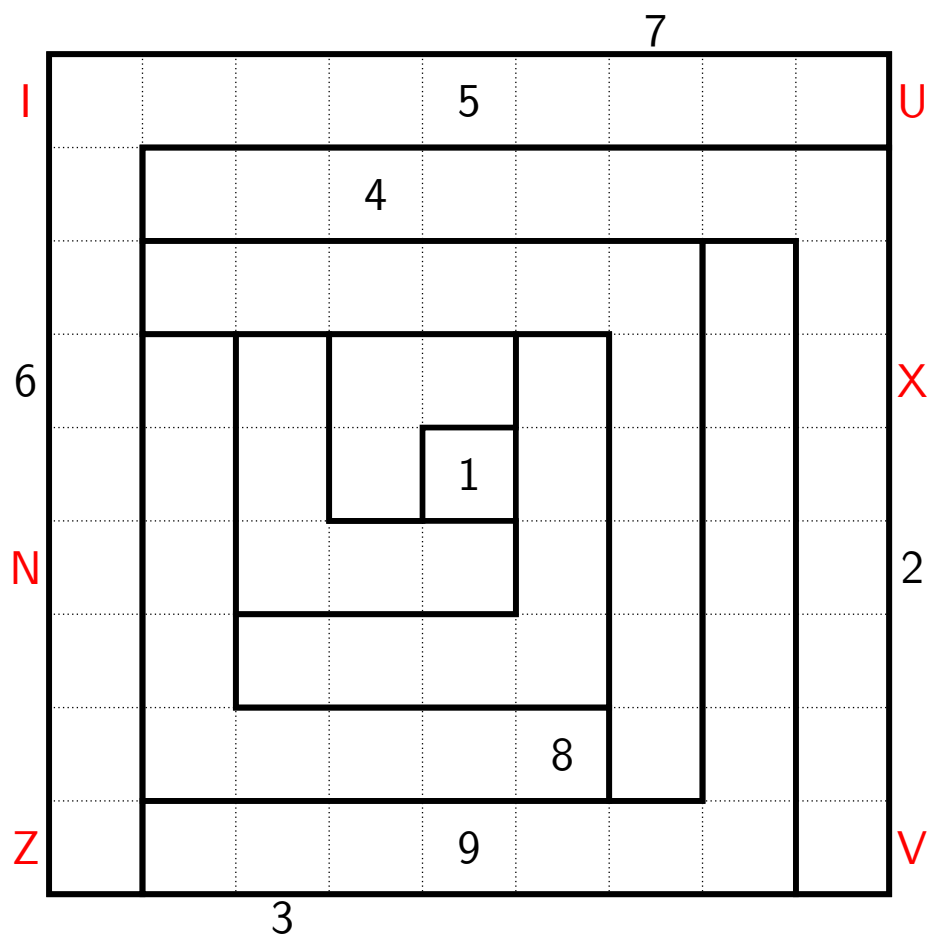
digits 3,6 are fighting over hook 4

$-1 : 1, 2 : 2, 3 : 3, 4 : 8, 5 : 9, 6 : 4, 7 : 6, 8 : 5, 9 : 7''$



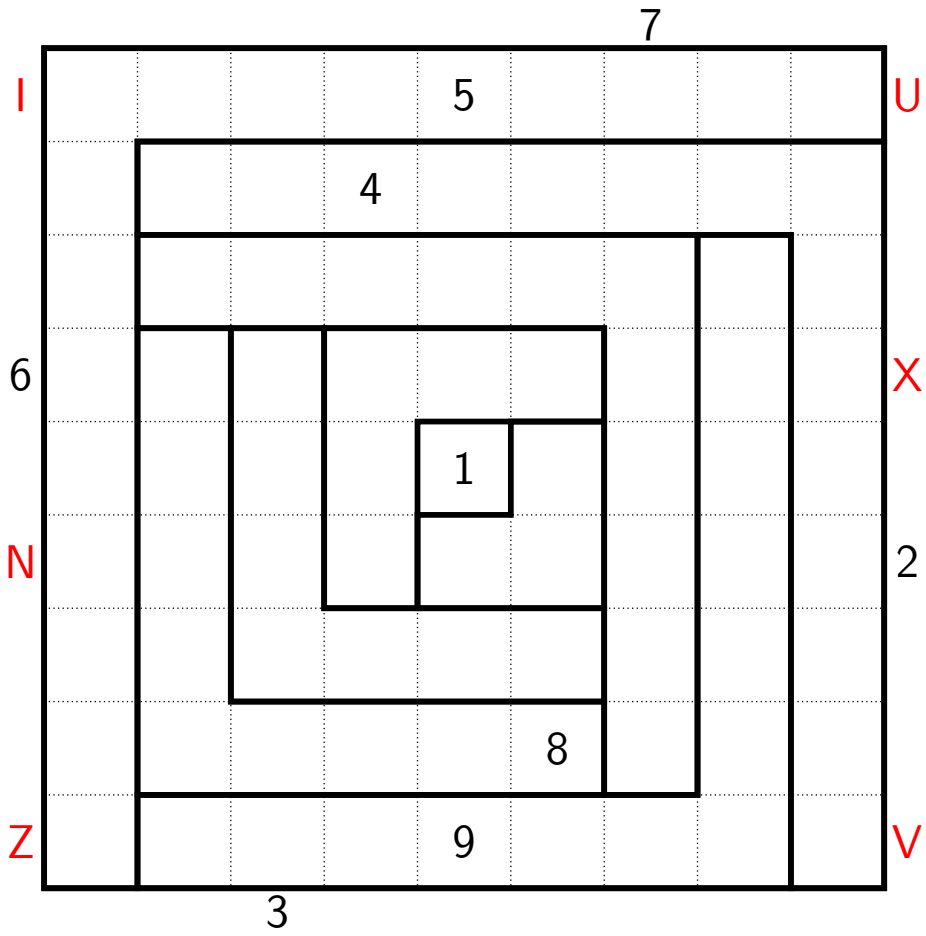
—1 : 1, 2 : 2, 3 : 3, 4 : 8, 5 : 9, 6 : 4, 7 : 6, 8 : 5, 9 : 7''



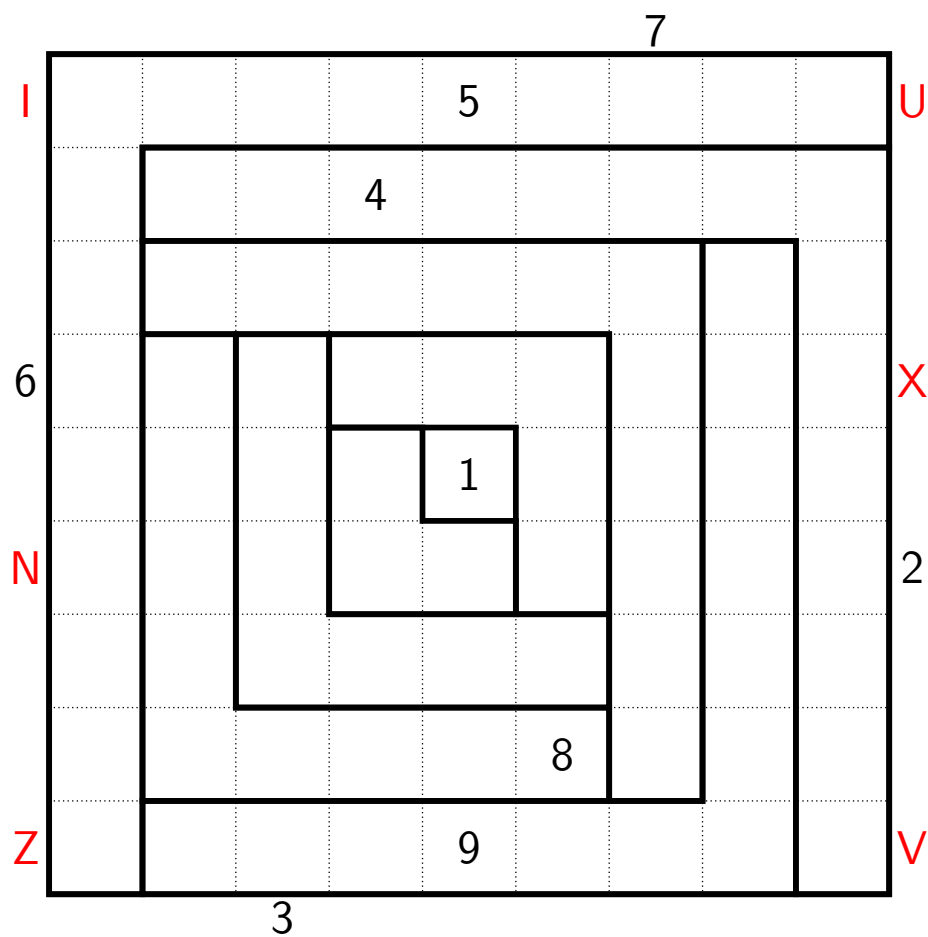


{1:1, 2:3, 3:3, 4:8, 5:9, 6:4, 7:6, 8:5, 9:7}

digits 2,3 are fighting over hook 3

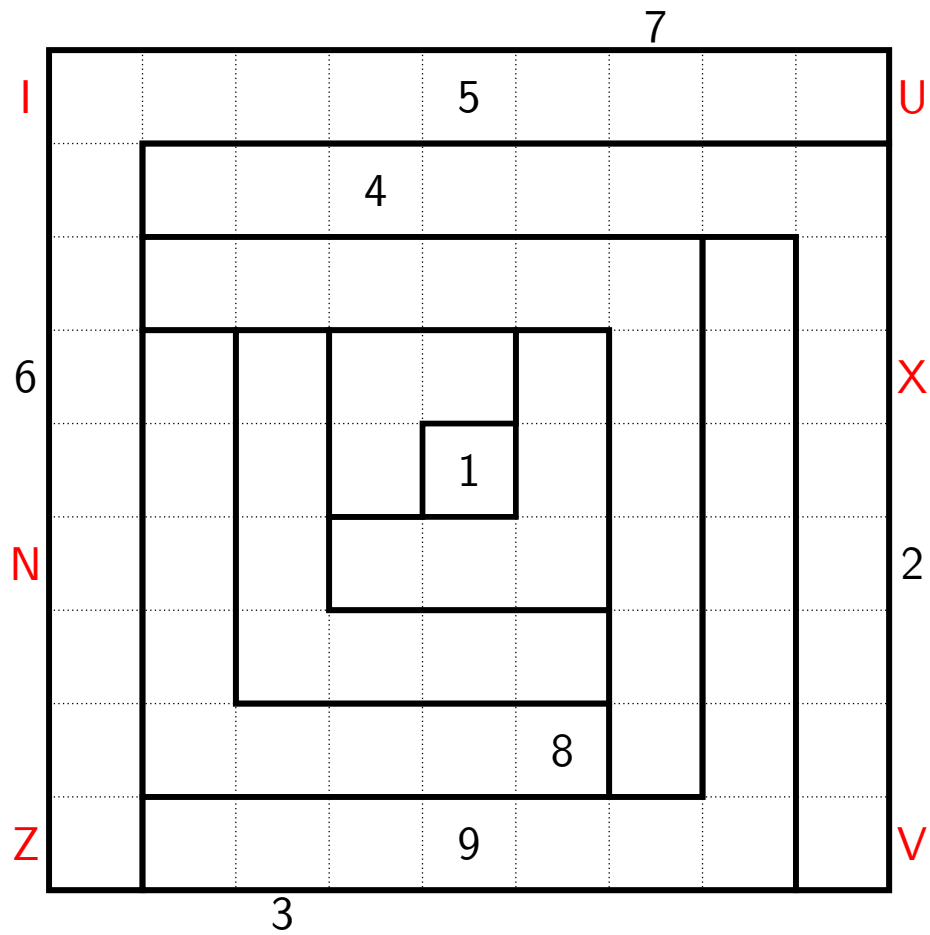

$$\{1:1, 2:[2, 3], 3:4, 4:8, 5:9, 6:4, 7:6, 8:5, 9:7\}$$

digits 3,6 are fighting over hook 4



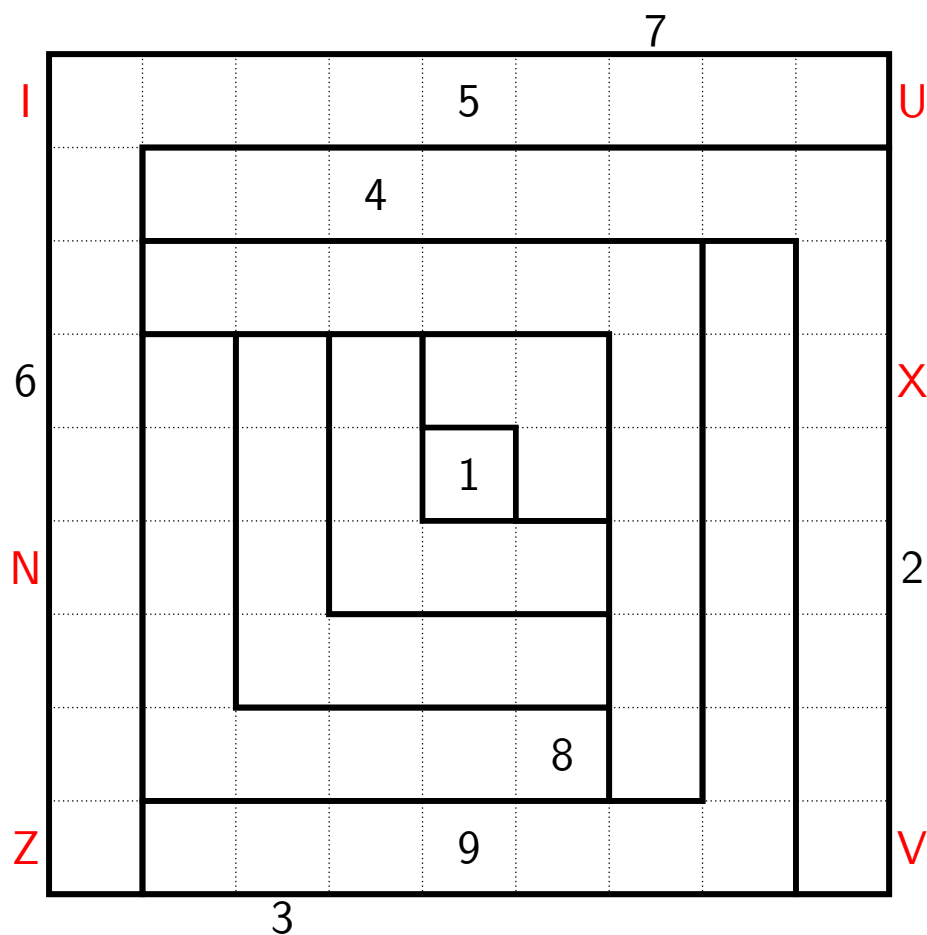
{1:1, 2:[2, 3], 3:4, 4:8, 5:9, 6:4, 7:6, 8:5, 9:7}

digits 3,6 are fighting over hook 4



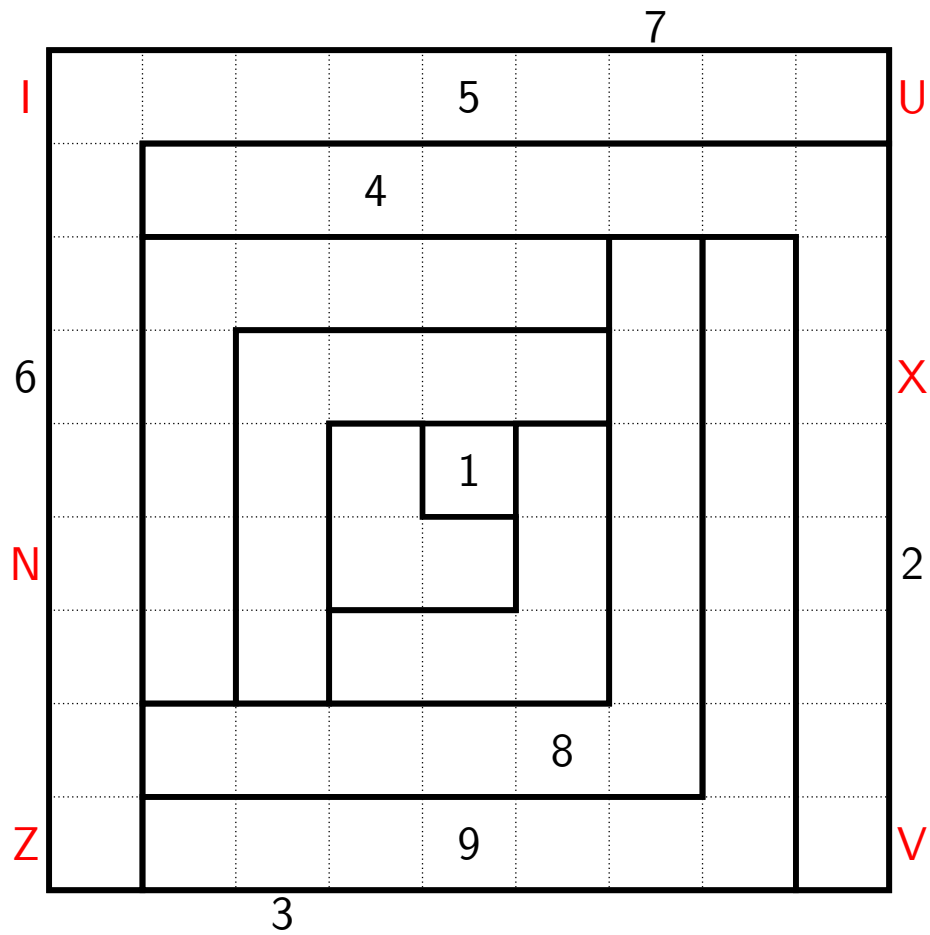
{1:1, 2:3, 3:4, 4:8, 5:9, 6:4, 7:6, 8:5, 9:7}

digits 3,6 are fighting over hook 4



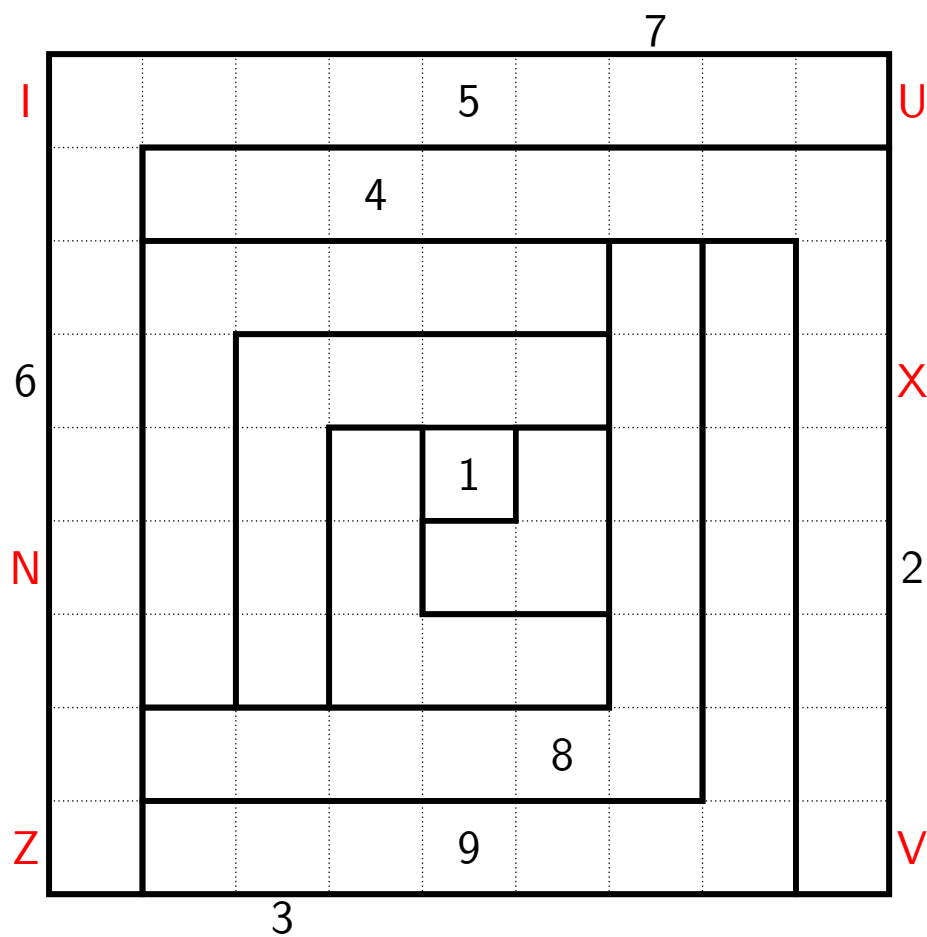
{1:1, 2:3, 3:4, 4:8, 5:9, 6:4, 7:6, 8:5, 9:7}

digits 3,6 are fighting over hook 4



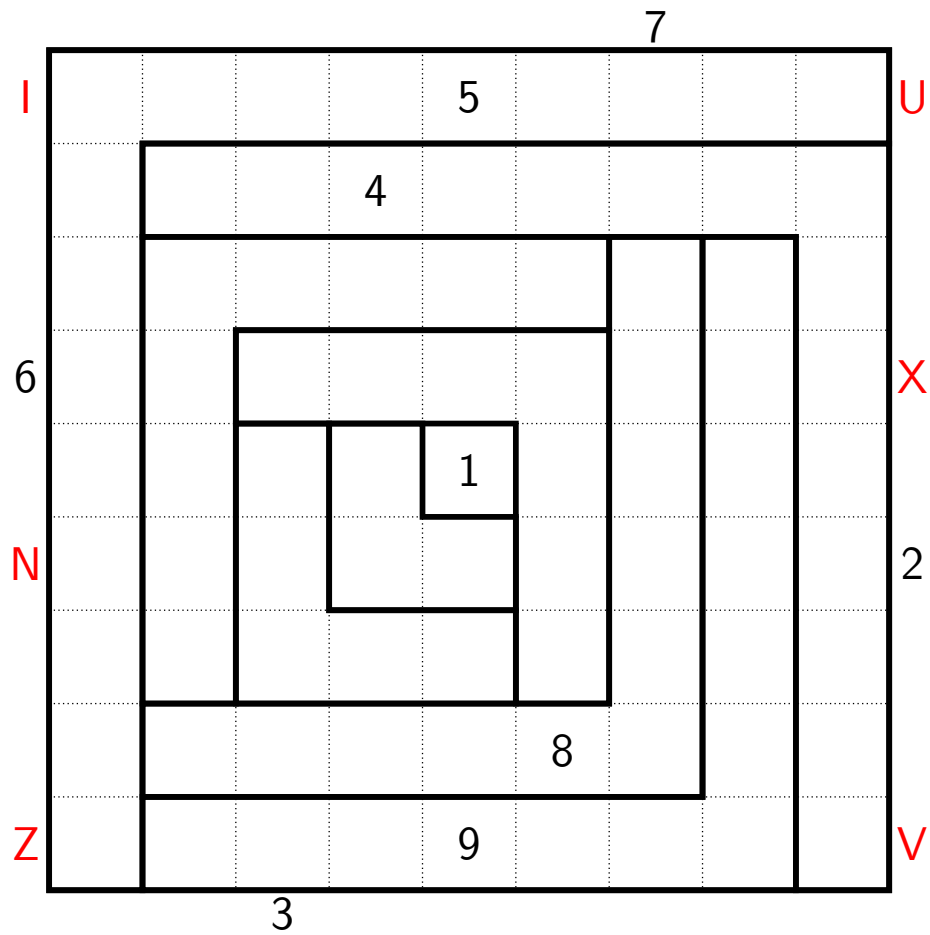
{1:1, 2:[2, 3, 4, 5], 3:[4, 5], 4:8, 5:9, 6:[4, 5], 7:[], 8:6, 9:7}

digit(s) 7 cannot be assigned to any hook



{1:1, 2:[2, 3, 4, 5], 3:[4, 5], 4:8, 5:9, 6:[4, 5], 7:[], 8:6, 9:7}

digit(s) 7 cannot be assigned to any hook



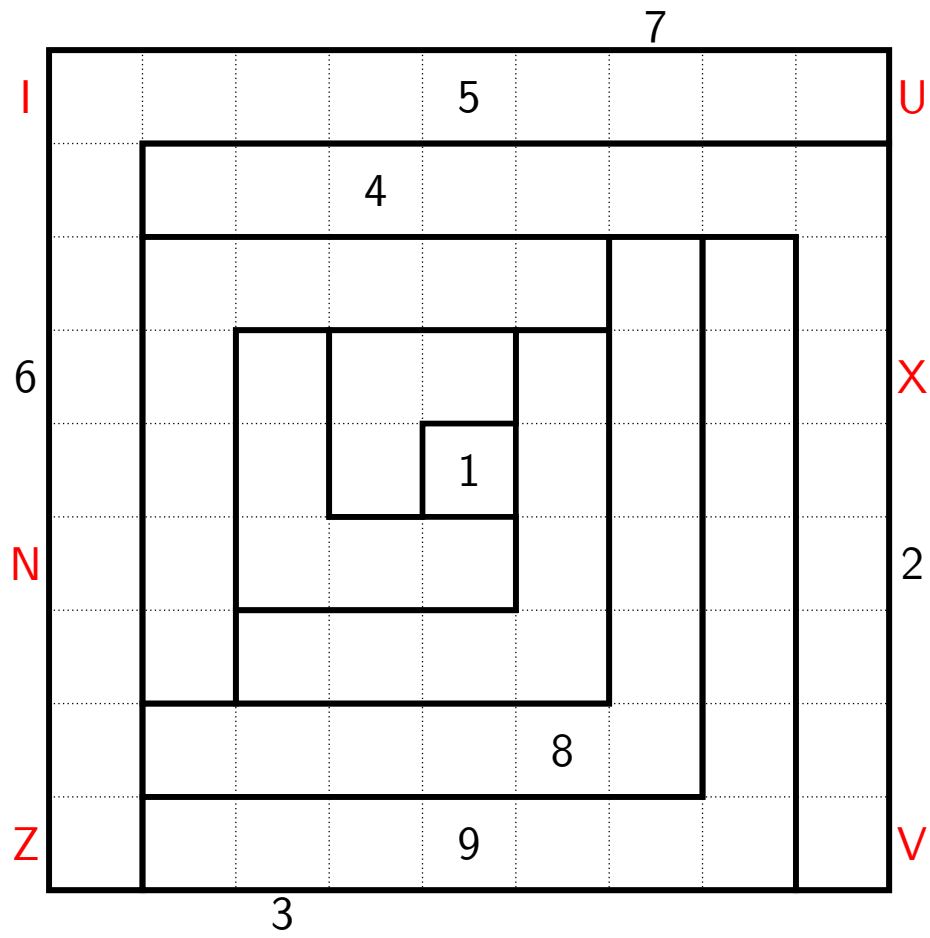
{1:1, 2:[2, 3, 4, 5], 3:[3, 4, 5], 4:8, 5:9, 6:[4, 5], 7:[], 8:6,

9:7}

digit(s) 7 cannot be assigned to any hook



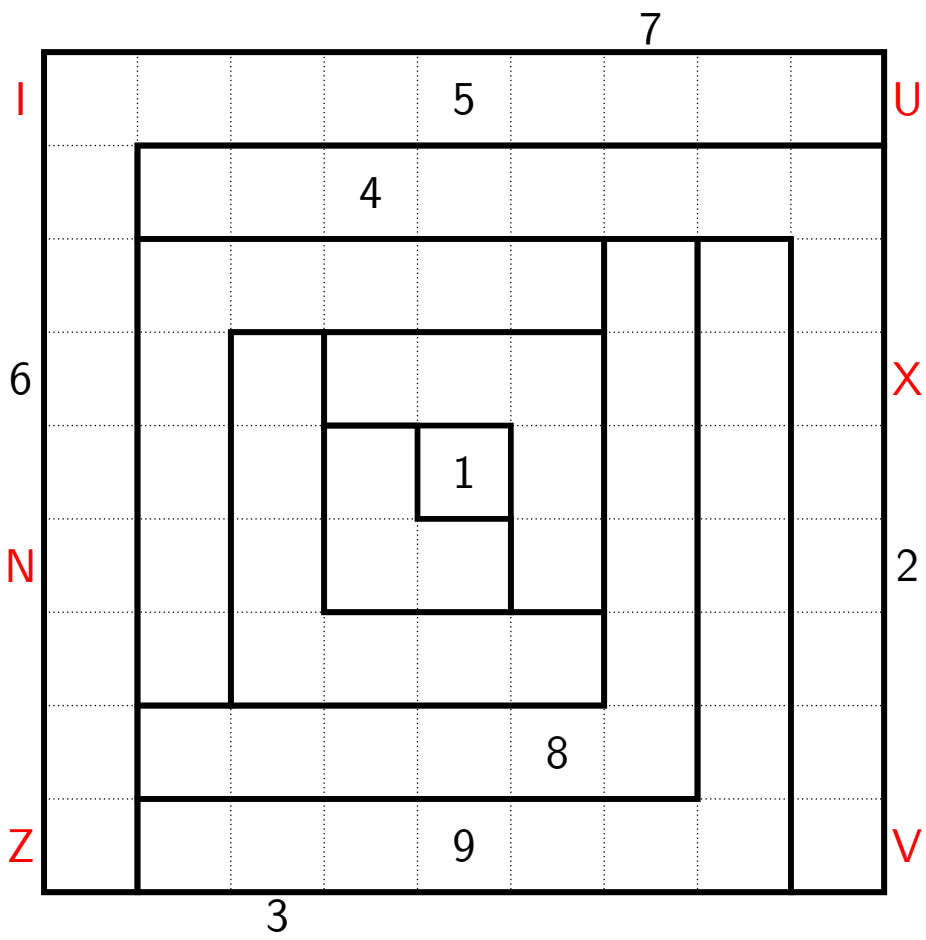
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{1:1, 2:[2, 3, 4, 5], 3:[3, 4, 5], 4:8, 5:9, 6:[4, 5], 7:[], 8:6,
9:7}
digit(s) 7 cannot be assigned to any hook
```



{1:1, 2:[3, 4, 5], 3:[3, 4, 5], 4:8, 5:9, 6:[4, 5], 7:[], 8:6, 9:7}

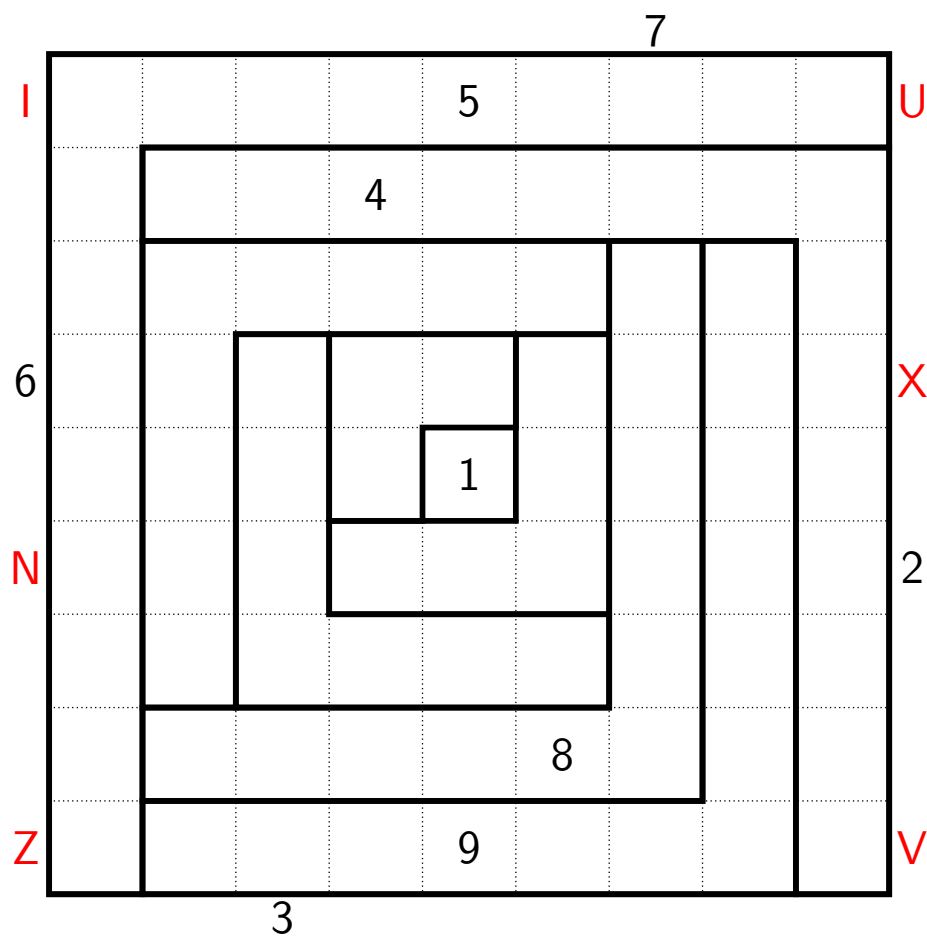
digit(s) 7 cannot be assigned to any hook

digit(s) 7 cannot be assigned to any hook



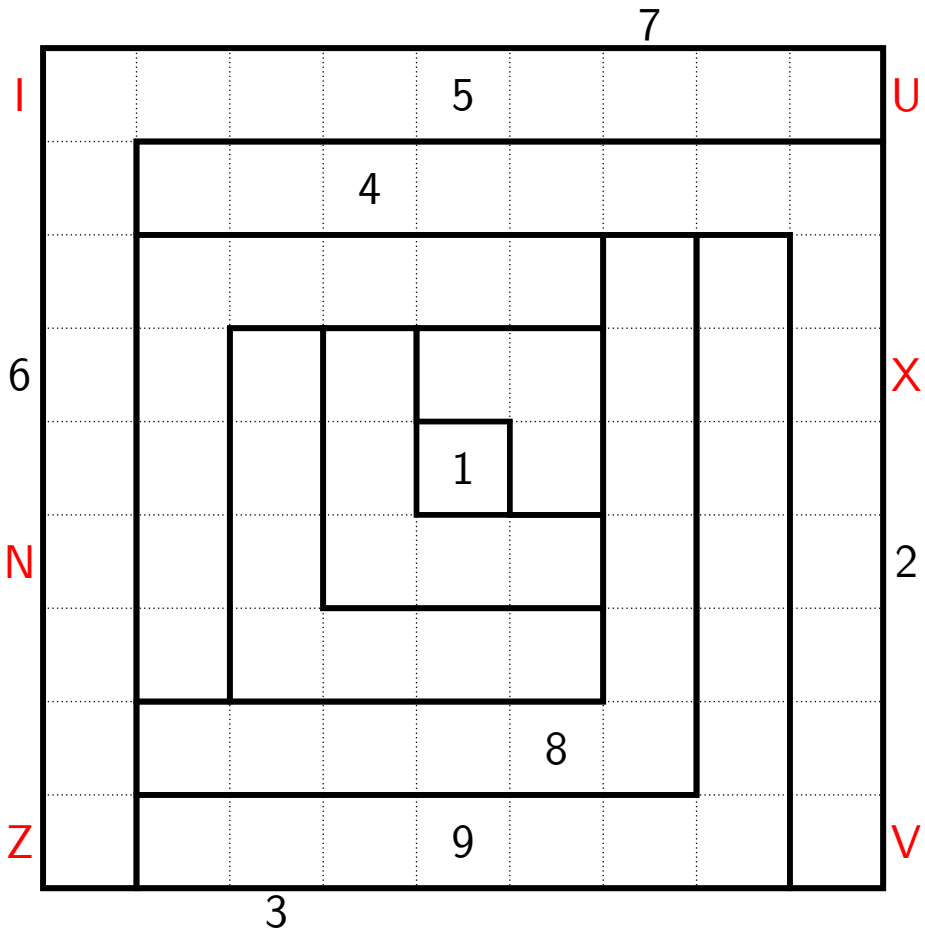
```
{1:1, 2:[2, 3, 4, 5], 3:[4, 5], 4:8, 5:9, 6:[4, 5], 7:[], 8:6, 9:7}
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digit(s) 7 cannot be assigned to any hook

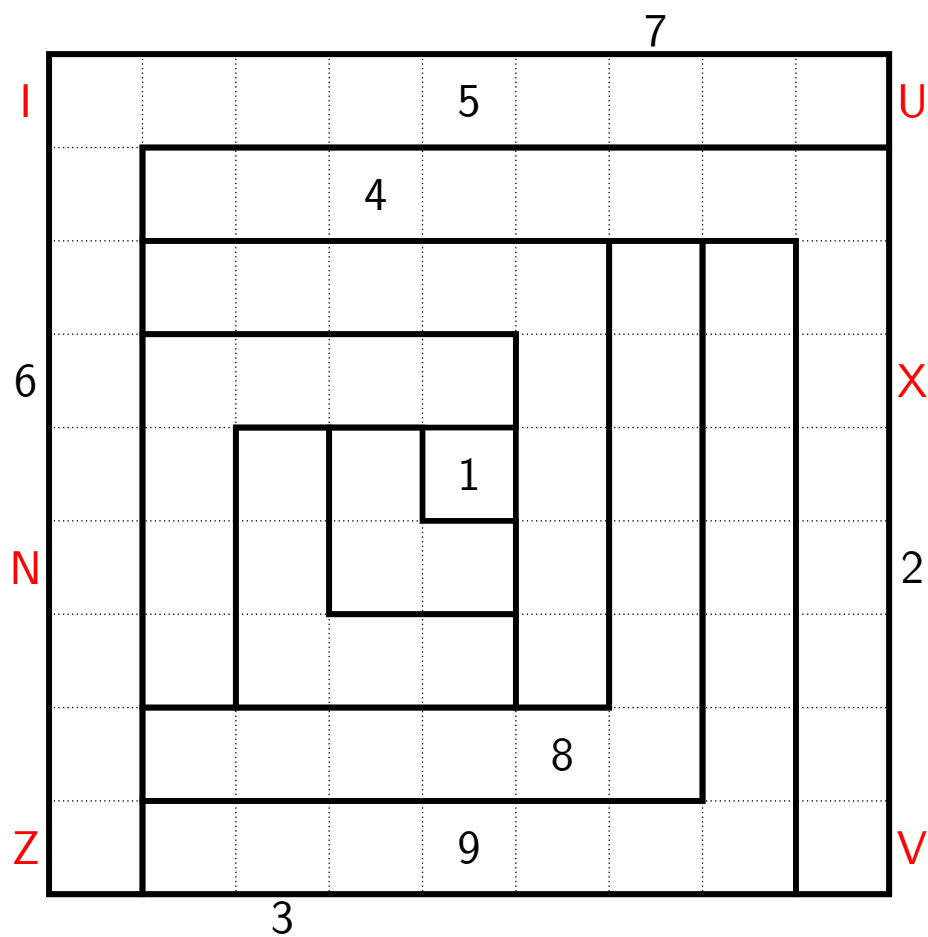


{1:1, 2:[3, 4, 5], 3:[4, 5], 4:8, 5:9, 6:[4, 5], 7:[], 8:6, 9:7}

digit(s) 7 cannot be assigned to any hook


$$\{1:1, 2:[3, 4, 5], 3:[4, 5], 4:8, 5:9, 6:[4, 5], 7:[], 8:6, 9:7\}$$

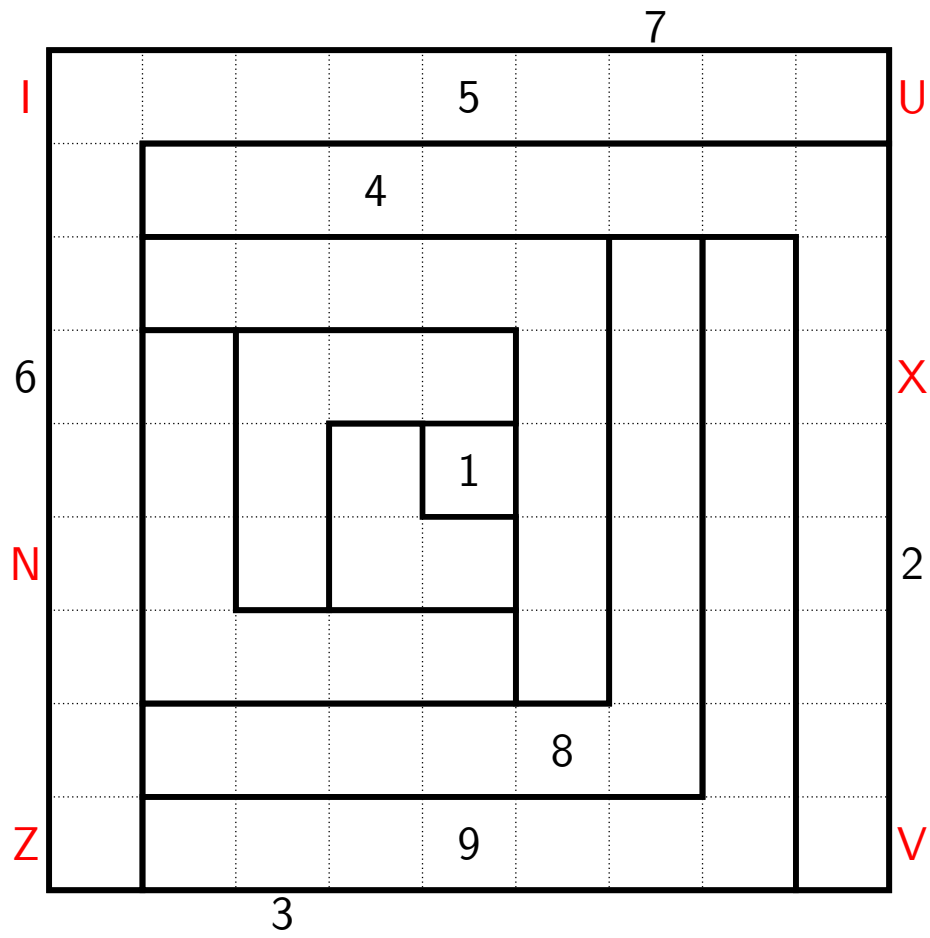
digit(s) 7 cannot be assigned to any hook



{1:1, 2:[2, 3, 4, 5], 3:[3, 4, 5], 4:8, 5:9, 6:[4, 5], 7:[], 8:6,

9:7}

digit(s) 7 cannot be assigned to any hook

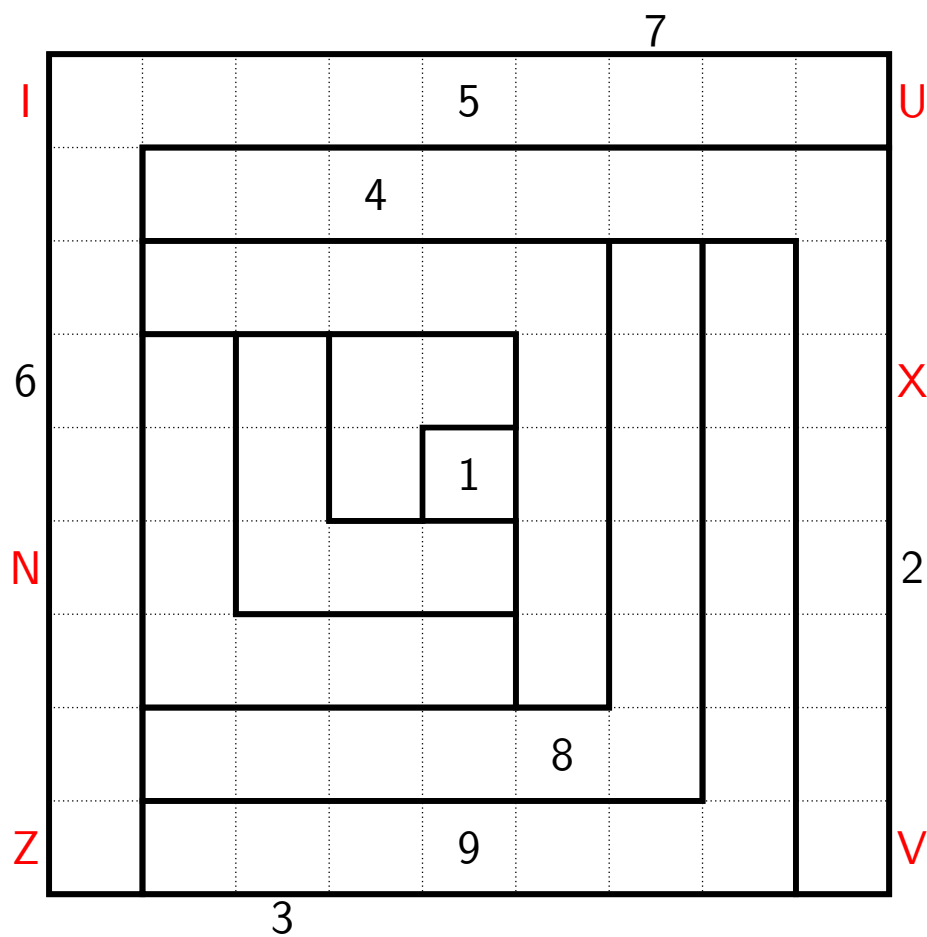


{1:1, 2:[2, 3, 4, 5], 3:[3, 4, 5], 4:8, 5:9, 6:[4, 5], 7:[], 8:6,

9:7}

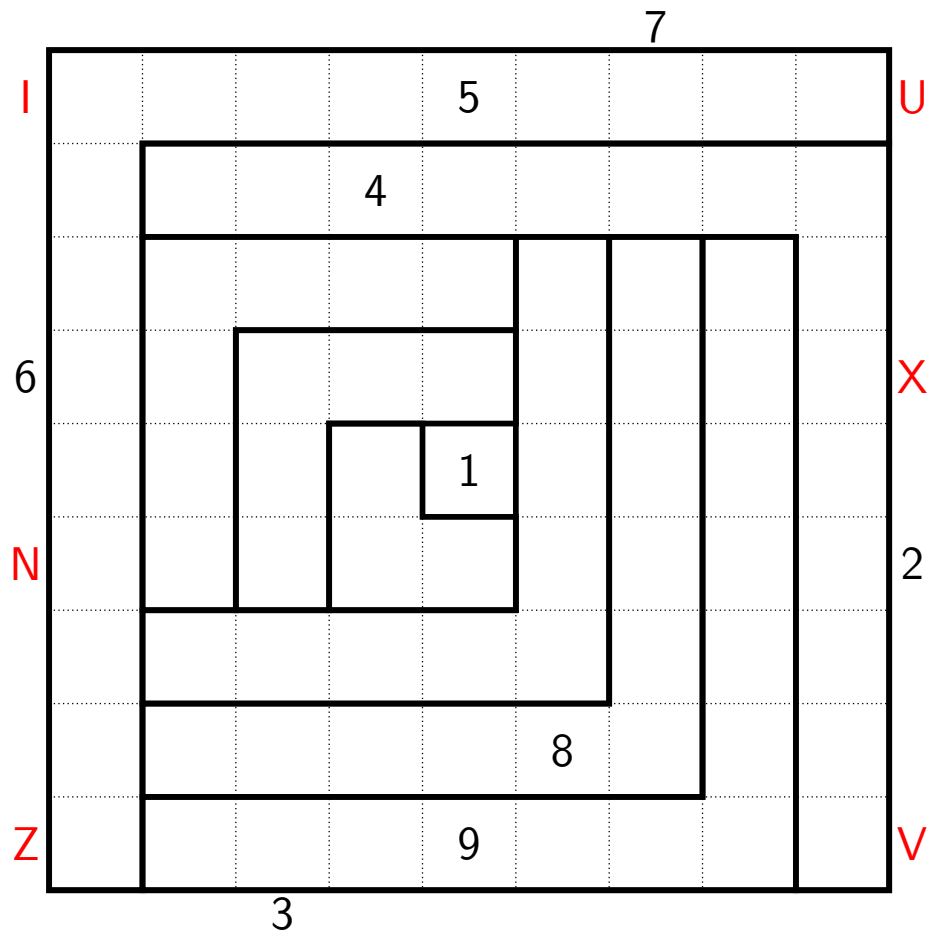
digit(s) 7 cannot be assigned to any hook





{1:1, 2:[3, 4, 5], 3:[3, 4, 5], 4:8, 5:9, 6:[4, 5], 7:[], 8:6, 9:7}

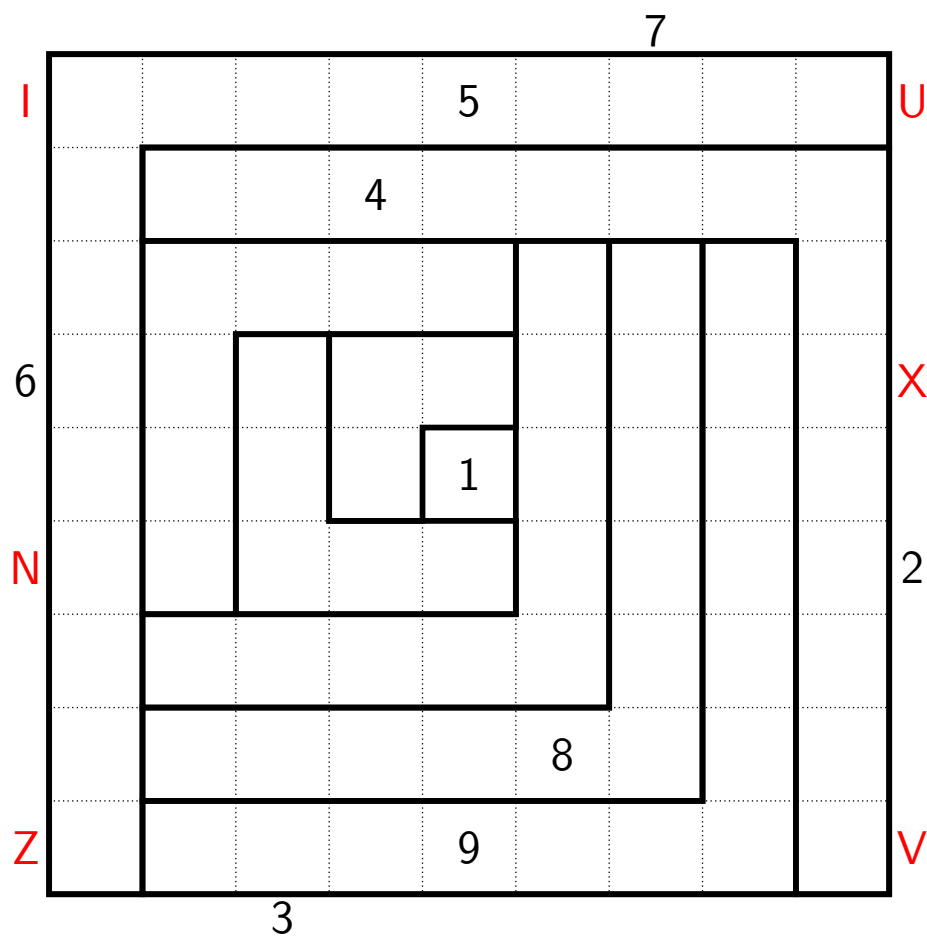
digit(s) 7 cannot be assigned to any hook



{1:1, 2:[2, 3, 4, 5], 3:[3, 4, 5], 4:8, 5:9, 6:[4, 5], 7:[], 8:6,

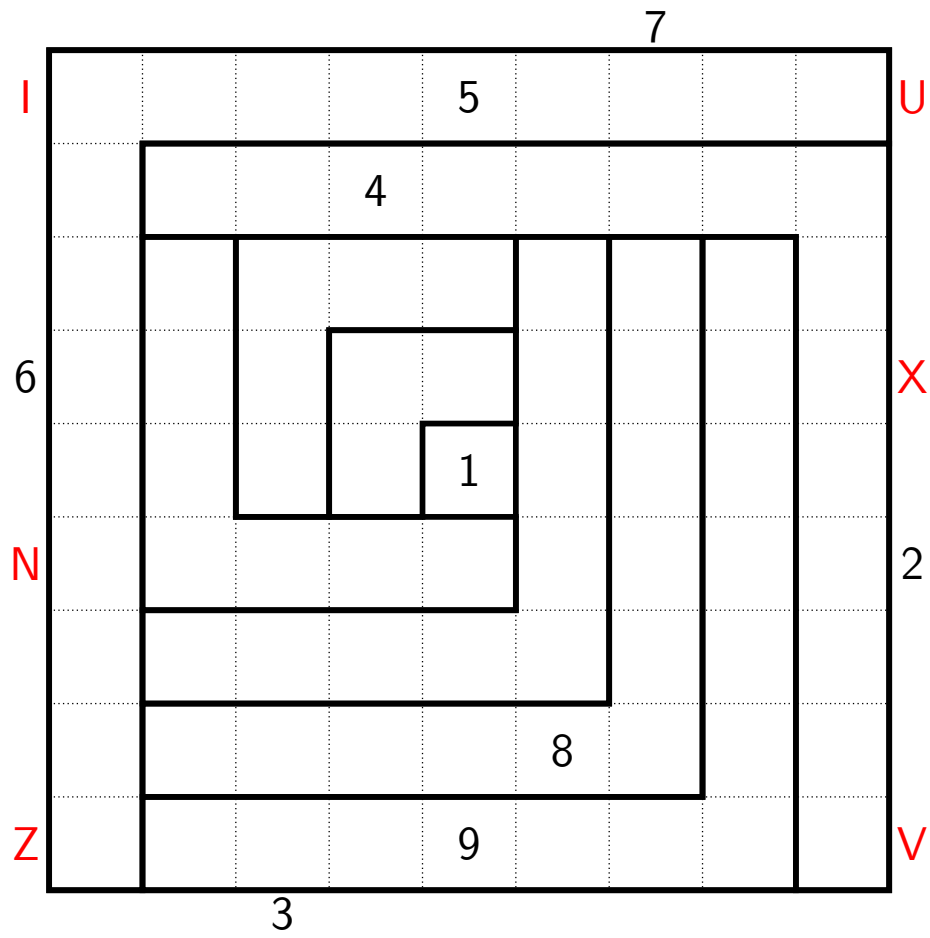
9:7}

digit(s) 7 cannot be assigned to any hook



{1:1, 2:[3, 4, 5], 3:[3, 4, 5], 4:8, 5:9, 6:[4, 5], 7:[], 8:6, 9:7}

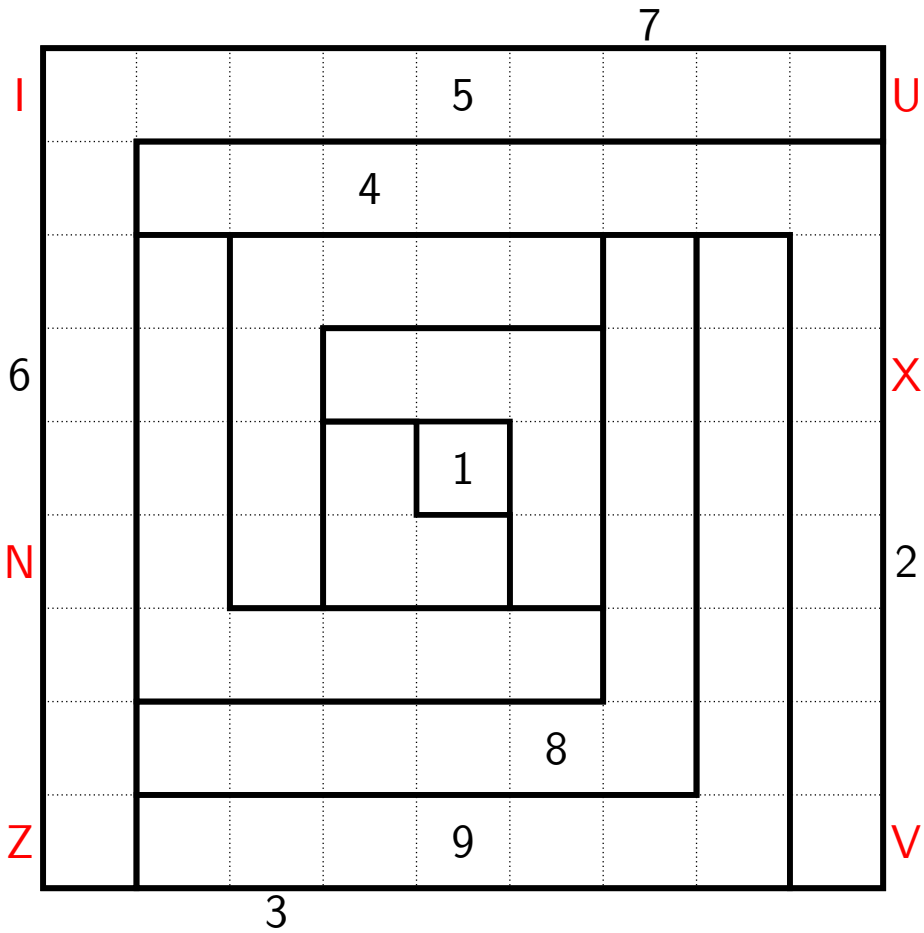
digit(s) 7 cannot be assigned to any hook



{1:1, 2:[4, 5], 3:[3, 4, 5], 4:8, 5:9, 6:[4, 5], 7:[], 8:6, 9:7}

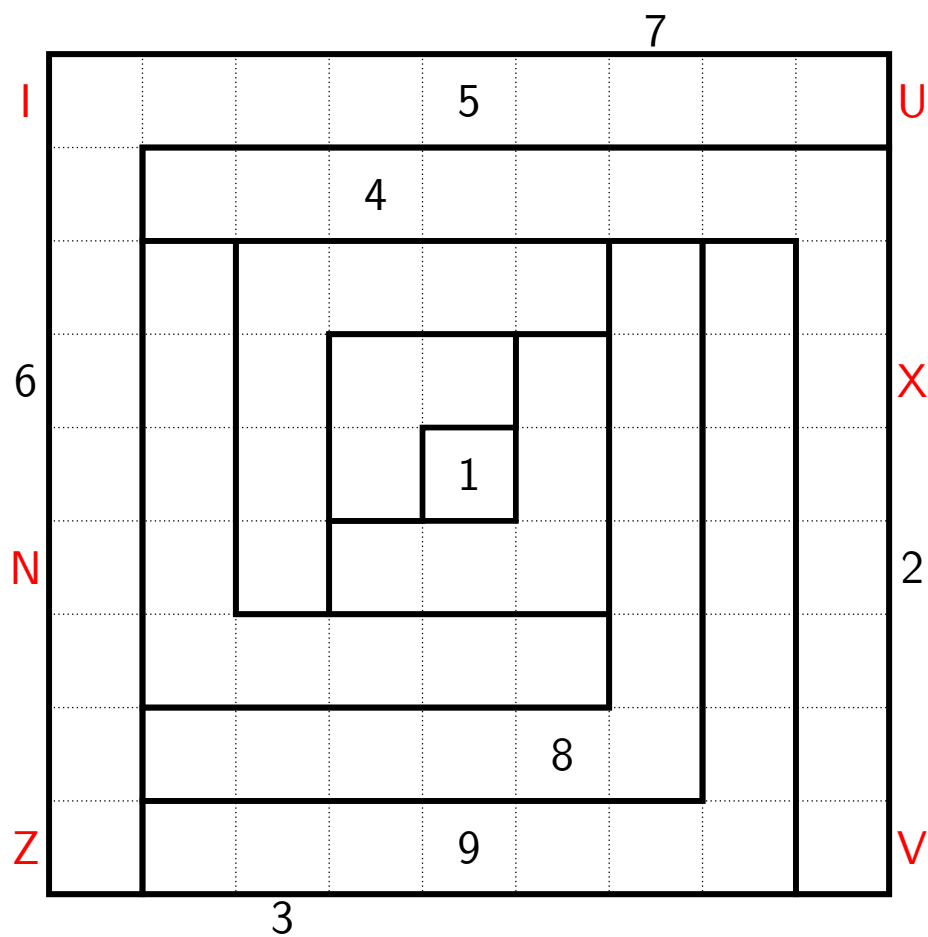
digit(s) 7 cannot be assigned to any hook

digit(s) 7 cannot be assigned to any hook



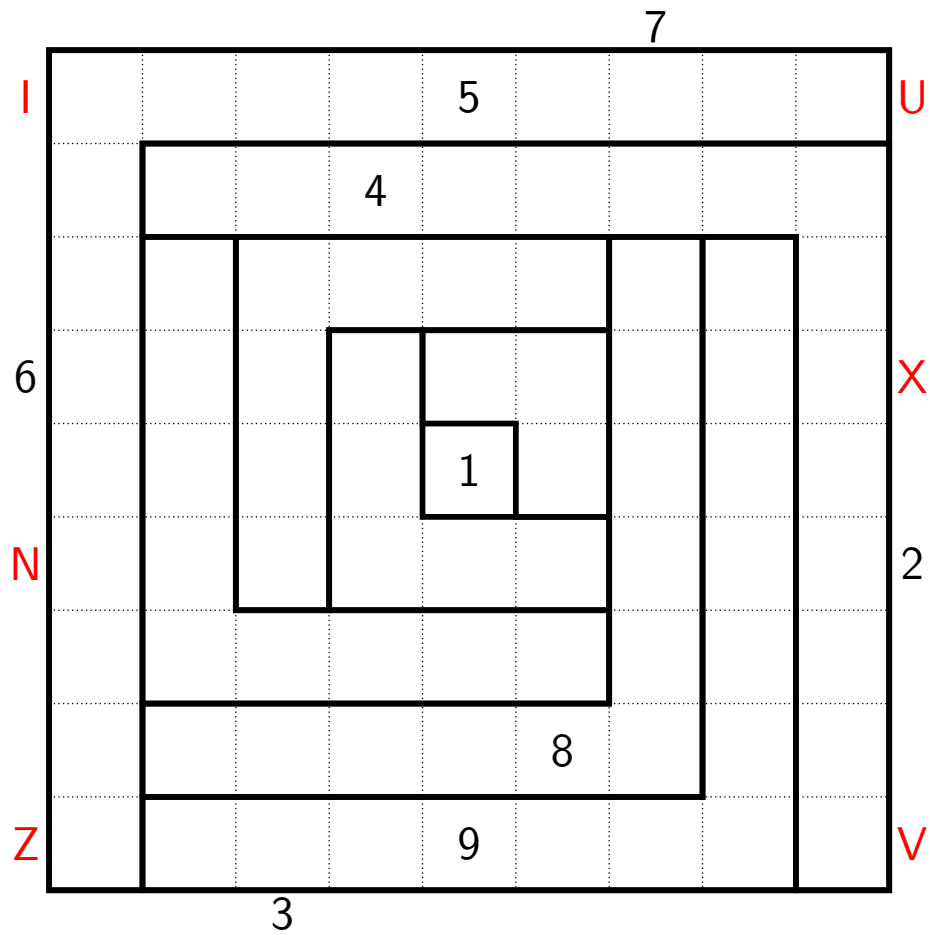
```
{1:1, 2:[2, 3, 4, 5], 3:[4, 5], 4:8, 5:9, 6:[4, 5], 7:[], 8:6, 9:7}
```

digit(s) 7 cannot be assigned to any hook



{1:1, 2:[3, 4, 5], 3:[4, 5], 4:8, 5:9, 6:[4, 5], 7:[], 8:6, 9:7}

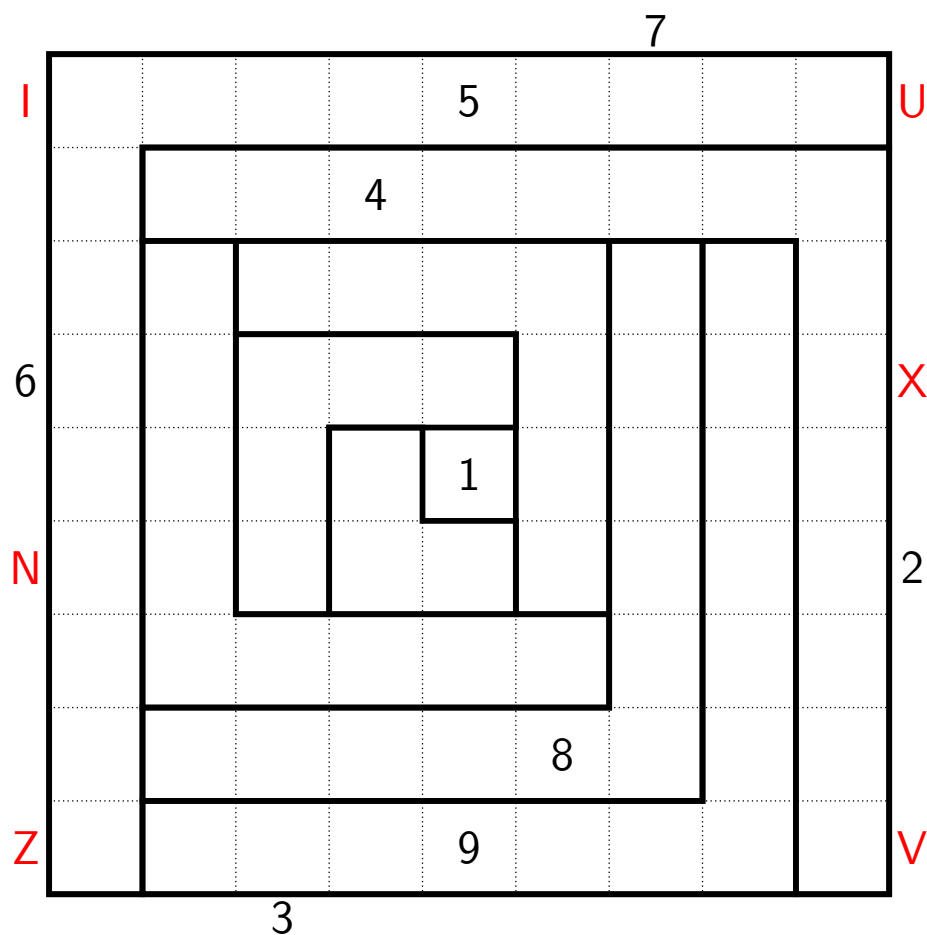
digit(s) 7 cannot be assigned to any hook



{1:1, 2:[3, 4, 5], 3:[4, 5], 4:8, 5:9, 6:[4, 5], 7:[], 8:6, 9:7}

digit(s) 7 cannot be assigned to any hook

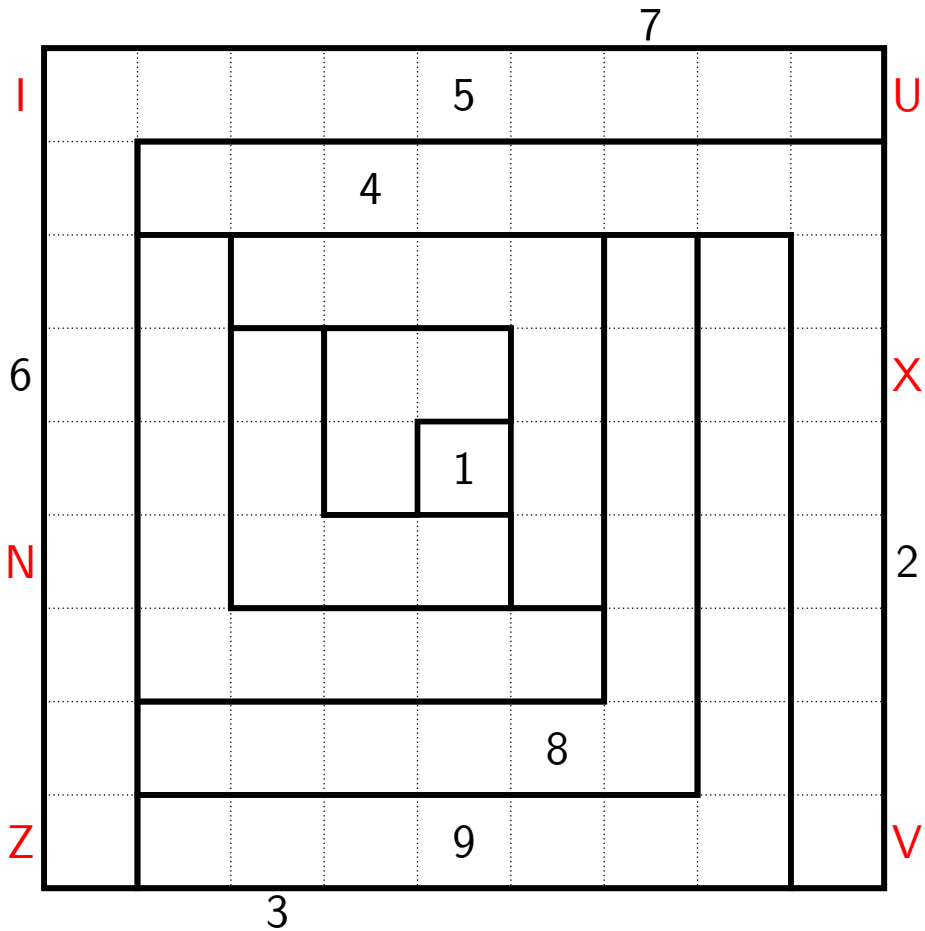




{1:1, 2:[2, 3, 4, 5], 3:[3, 4, 5], 4:8, 5:9, 6:[4, 5], 7:[], 8:6,

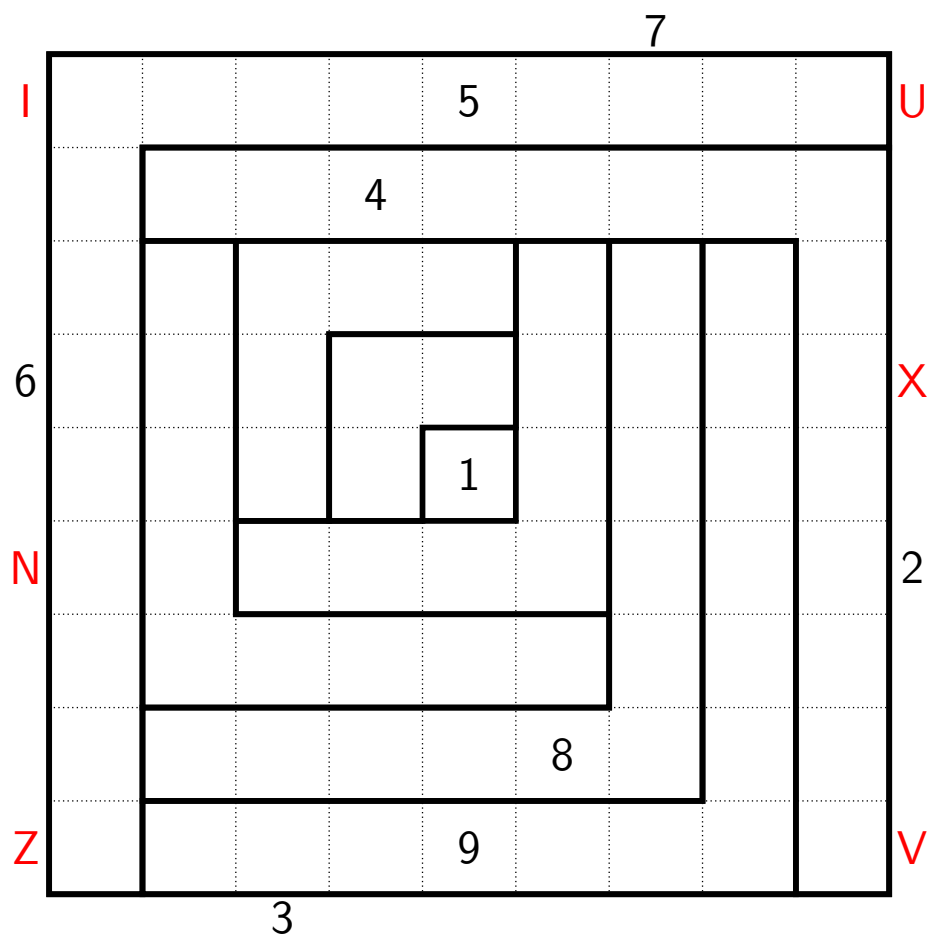
9:7}

digit(s) 7 cannot be assigned to any hook



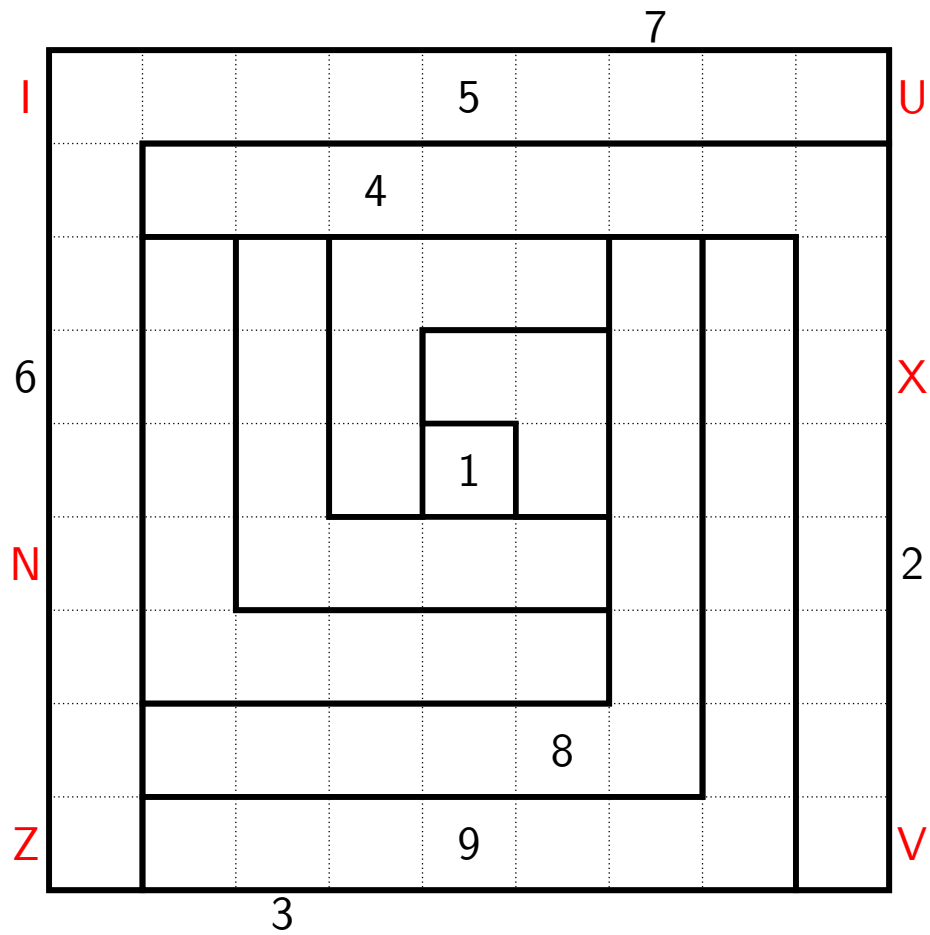
```
{1:1, 2:[3, 4, 5], 3:[3, 4, 5], 4:8, 5:9, 6:[4, 5], 7:[], 8:6, 9:7}
```

digit(s) 7 cannot be assigned to any hook



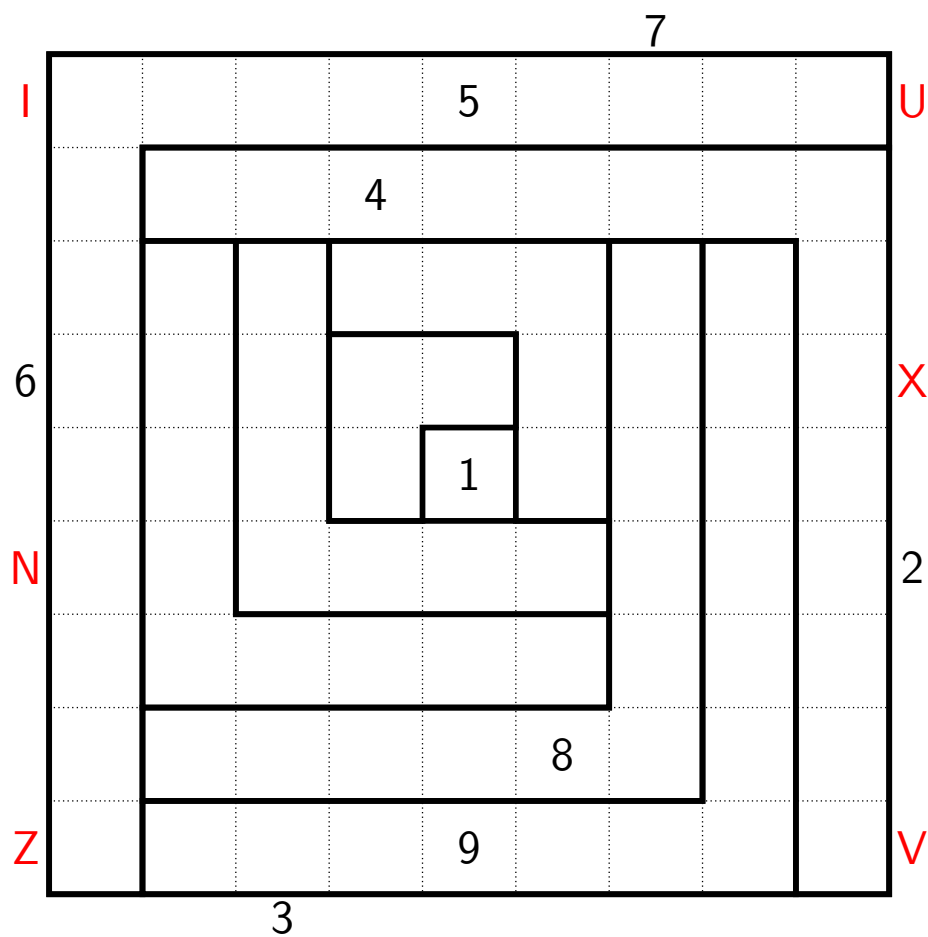
{1:1, 2:[4, 5], 3:[3, 4, 5], 4:8, 5:9, 6:[4, 5], 7:[], 8:6, 9:7}

digit(s) 7 cannot be assigned to any hook



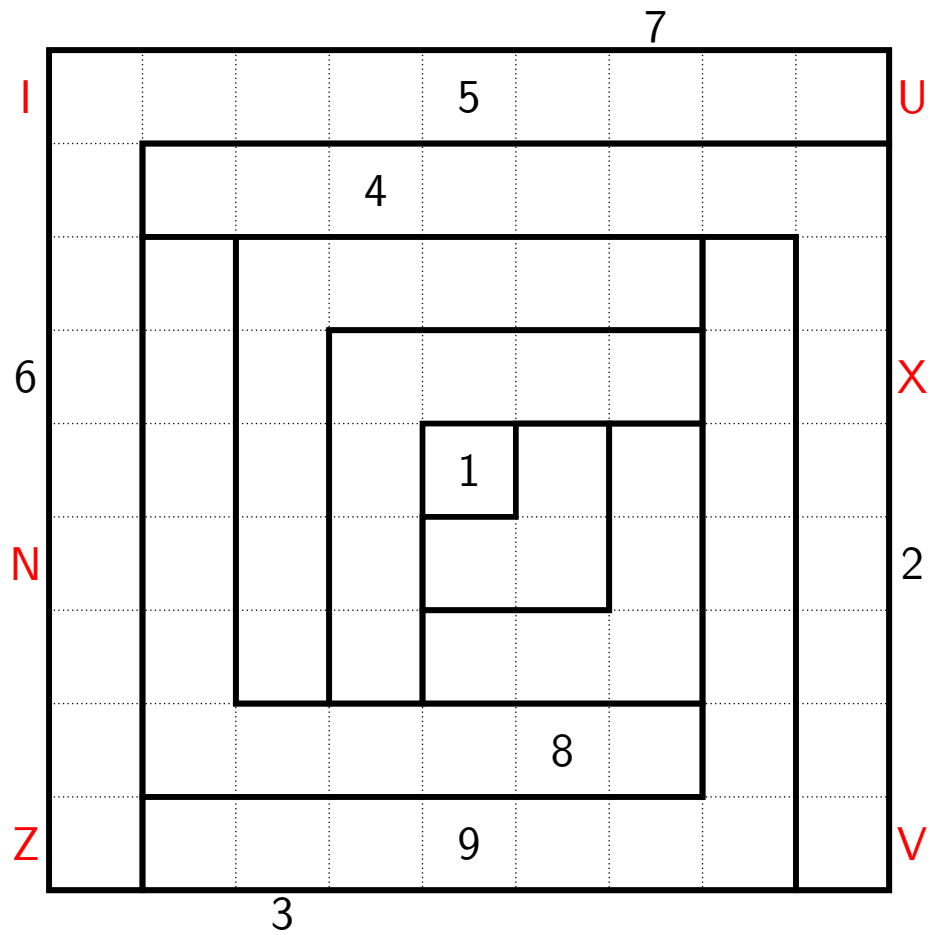
{1:1, 2:[4, 5], 3:[4, 5], 4:8, 5:9, 6:[4, 5], 7:[], 8:6, 9:7}

there are more uncertain digits (2,3,6) than available hooks (4,5)



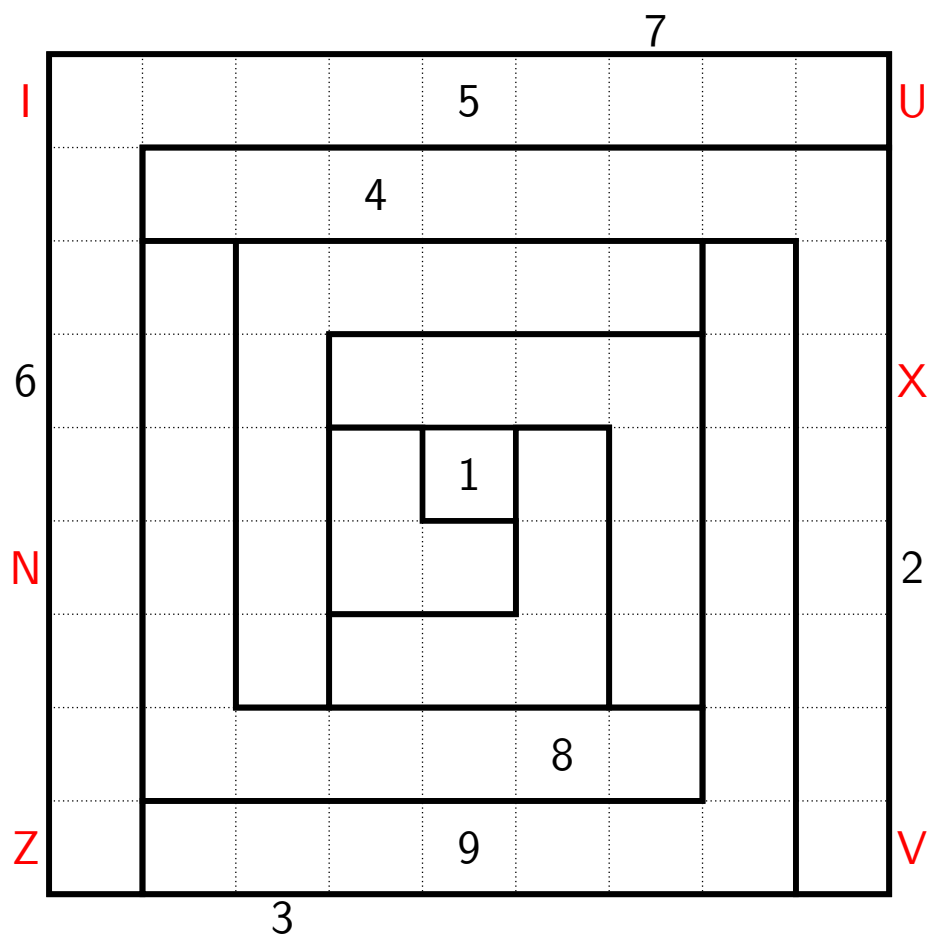
{1:1, 2:[4, 5], 3:[4, 5], 4:8, 5:9, 6:[4, 5], 7:[], 8:6, 9:7}

there are more uncertain digits (2,3,6) than available hooks (4,5)



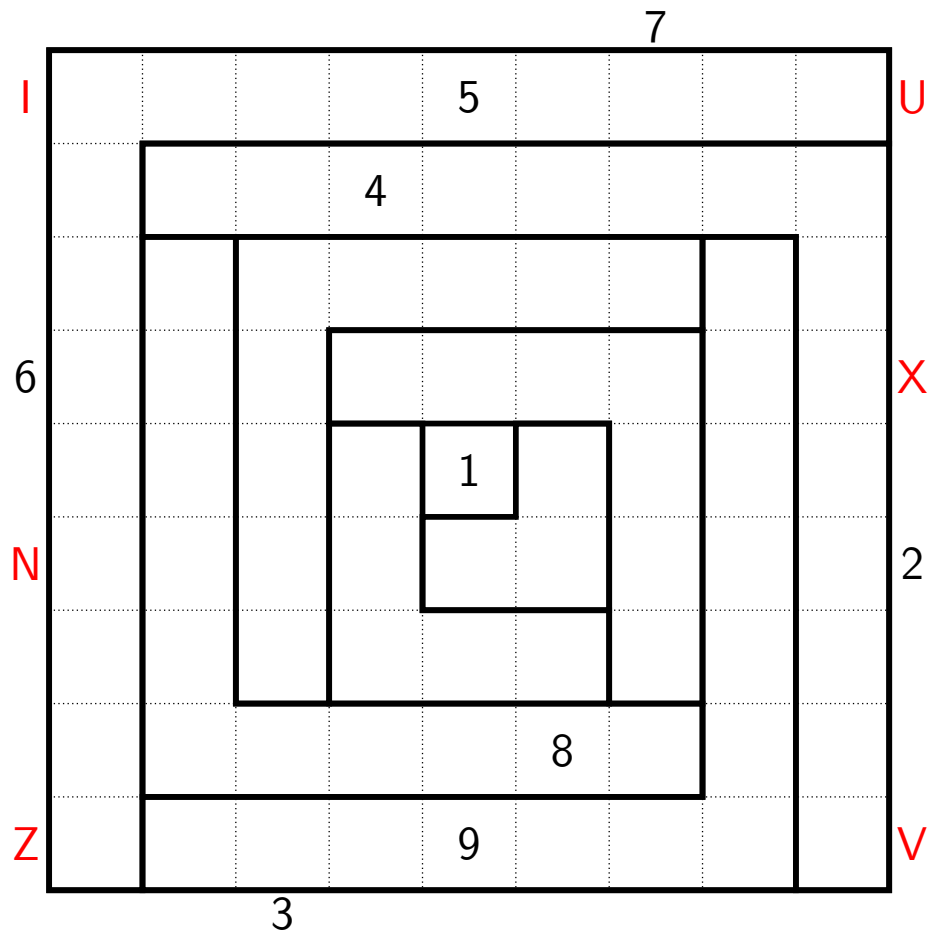
{1:1, 2:[2, 3], 3:5, 4:8, 5:9, 6:4, 7:[], 8:6, 9:7}

digit(s) 7 cannot be assigned to any hook



{1:1, 2:[2, 3], 3:5, 4:8, 5:9, 6:4, 7:[], 8:6, 9:7}

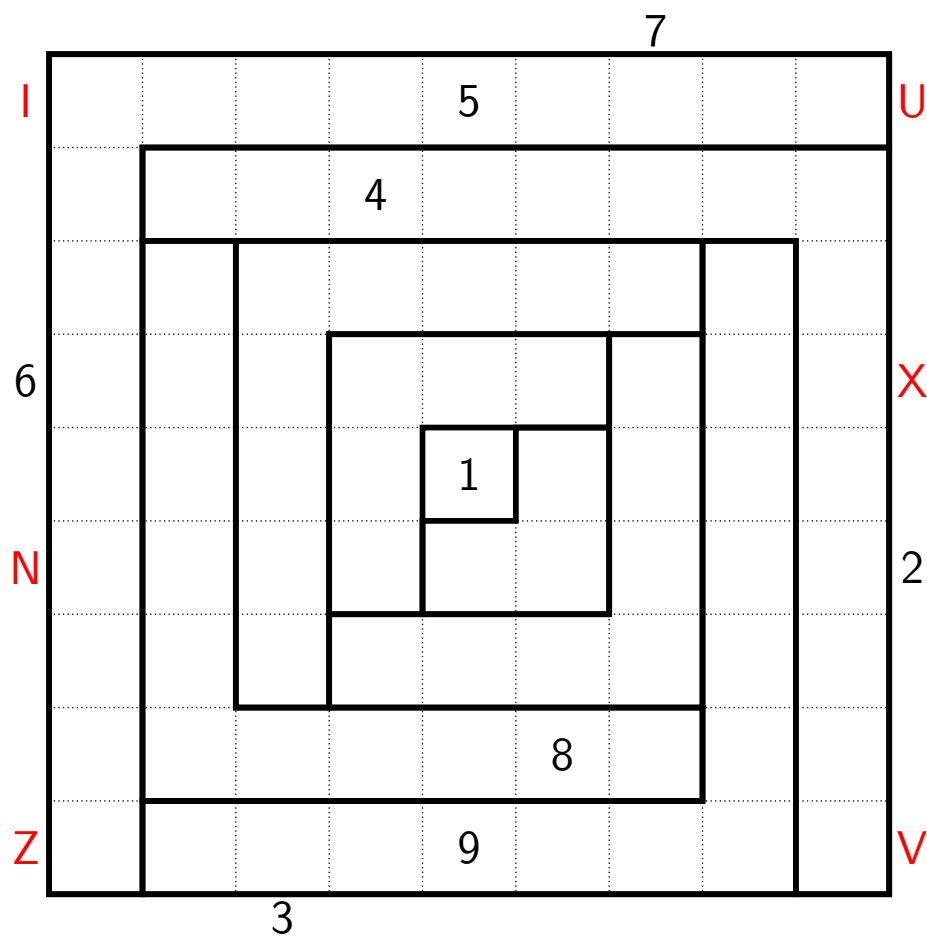
digit(s) 7 cannot be assigned to any hook



{1:1, 2:[2, 3], 3:5, 4:8, 5:9, 6:4, 7:[], 8:6, 9:7}

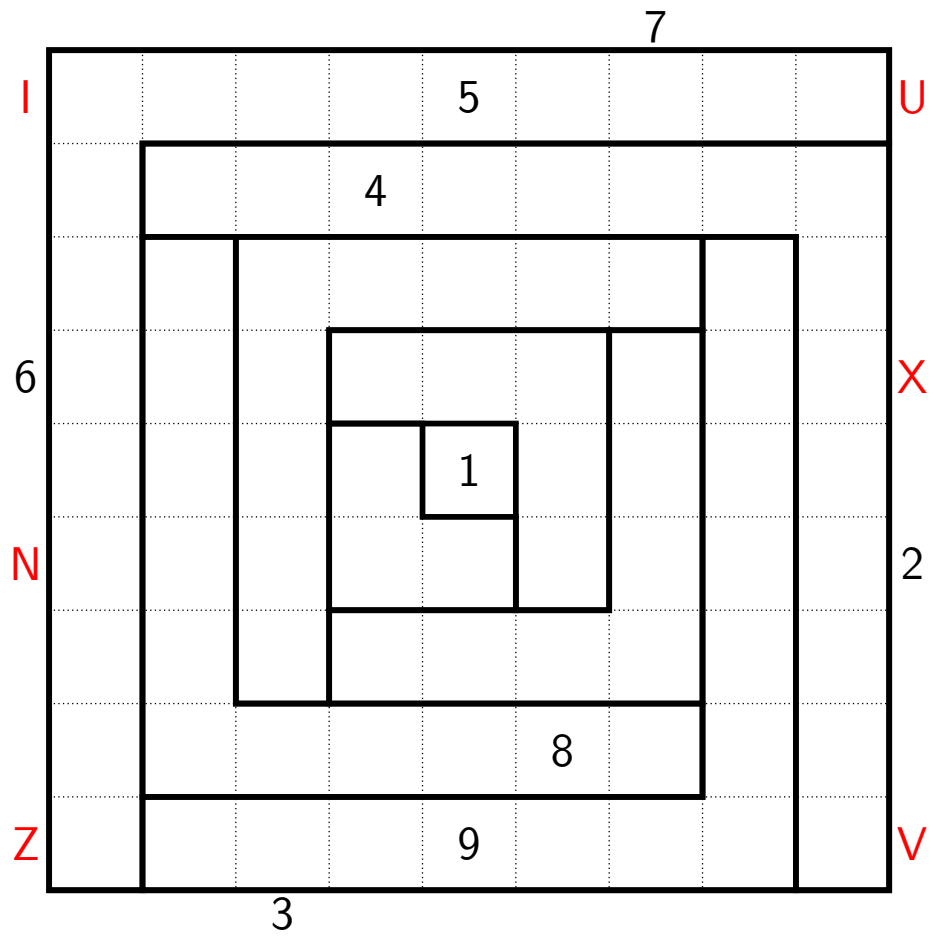
digit(s) 7 cannot be assigned to any hook





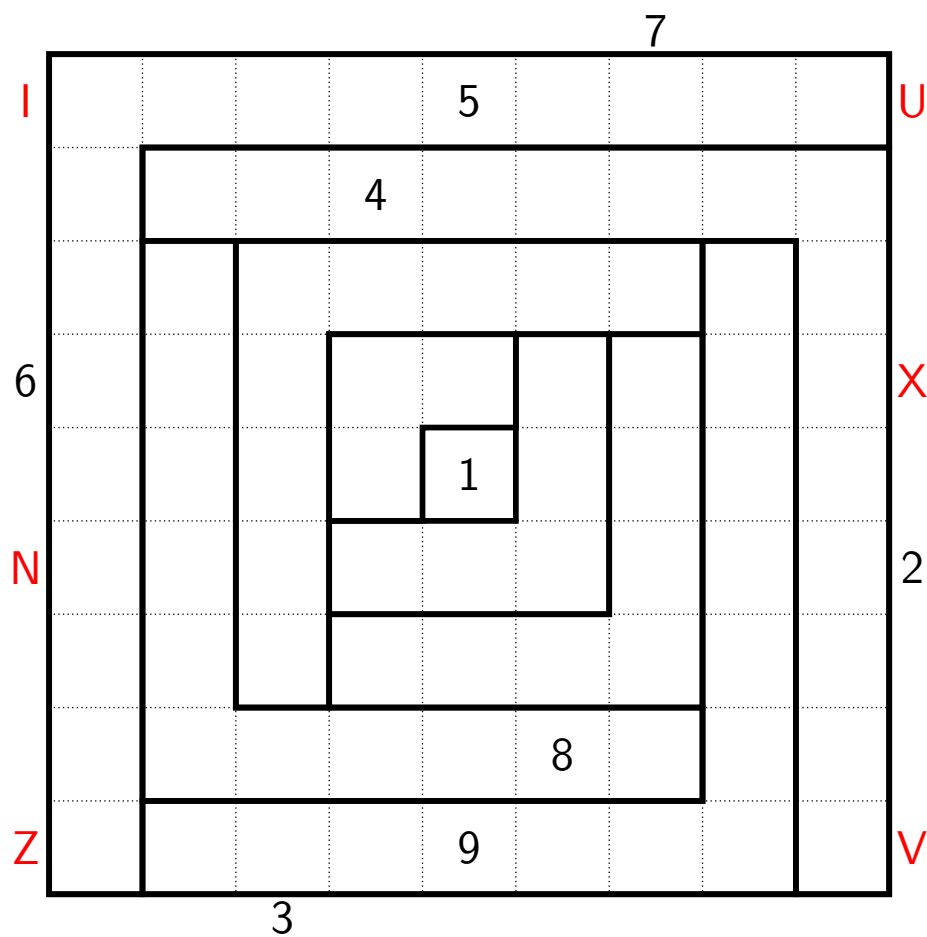
{1:1, 2:[2, 3], 3:5, 4:8, 5:9, 6:4, 7:[], 8:6, 9:7}

digit(s) 7 cannot be assigned to any hook



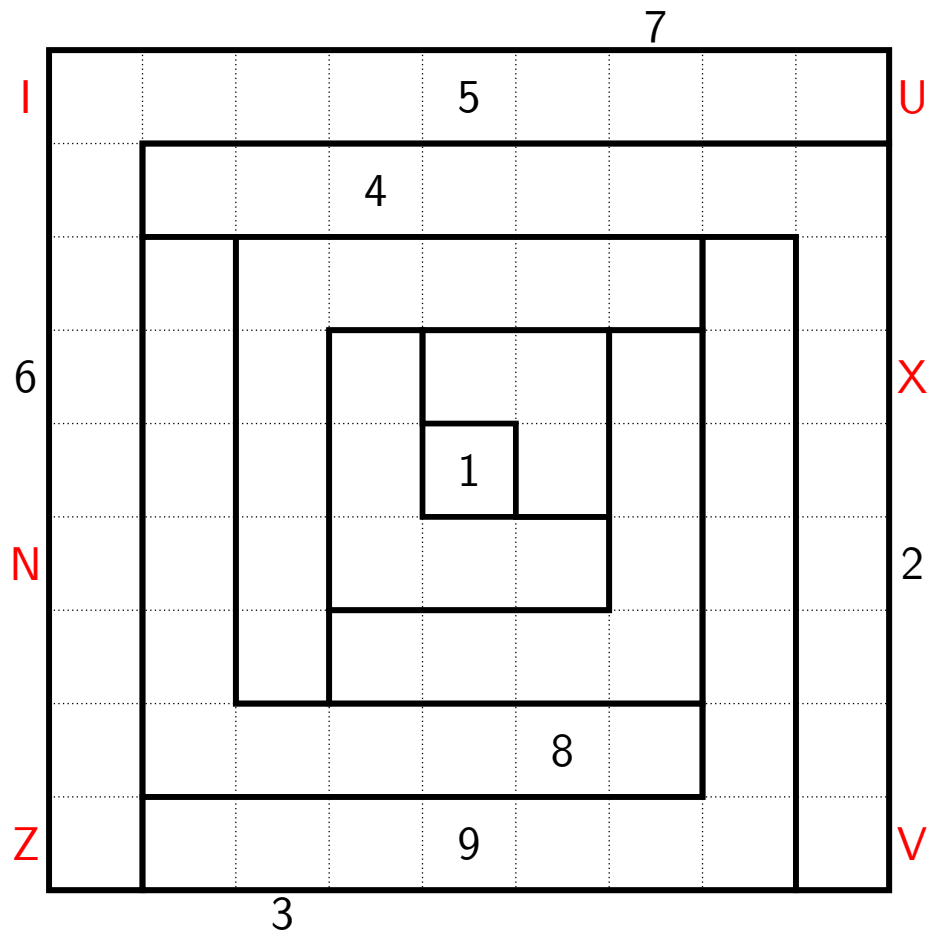
{1:1, 2:[2, 3], 3:5, 4:8, 5:9, 6:4, 7:[], 8:6, 9:7}

digit(s) 7 cannot be assigned to any hook



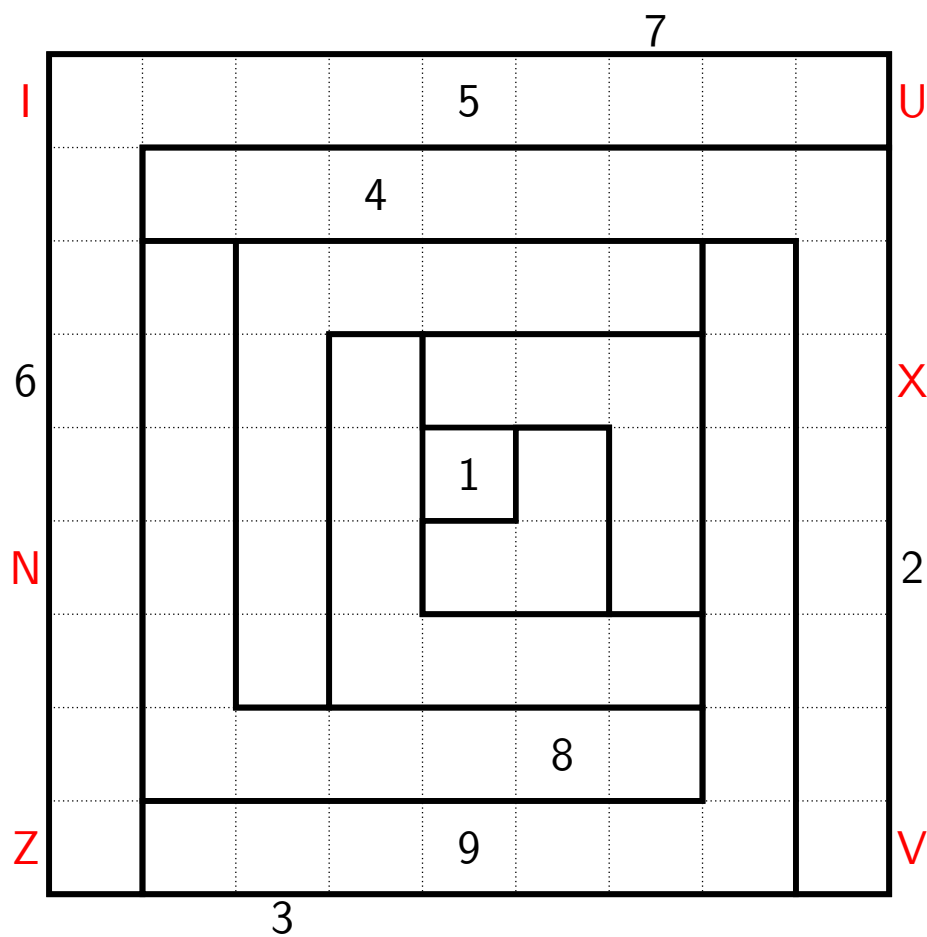
{1:1, 2:3, 3:5, 4:8, 5:9, 6:4, 7:[], 8:6, 9:7}

digit(s) 7 cannot be assigned to any hook



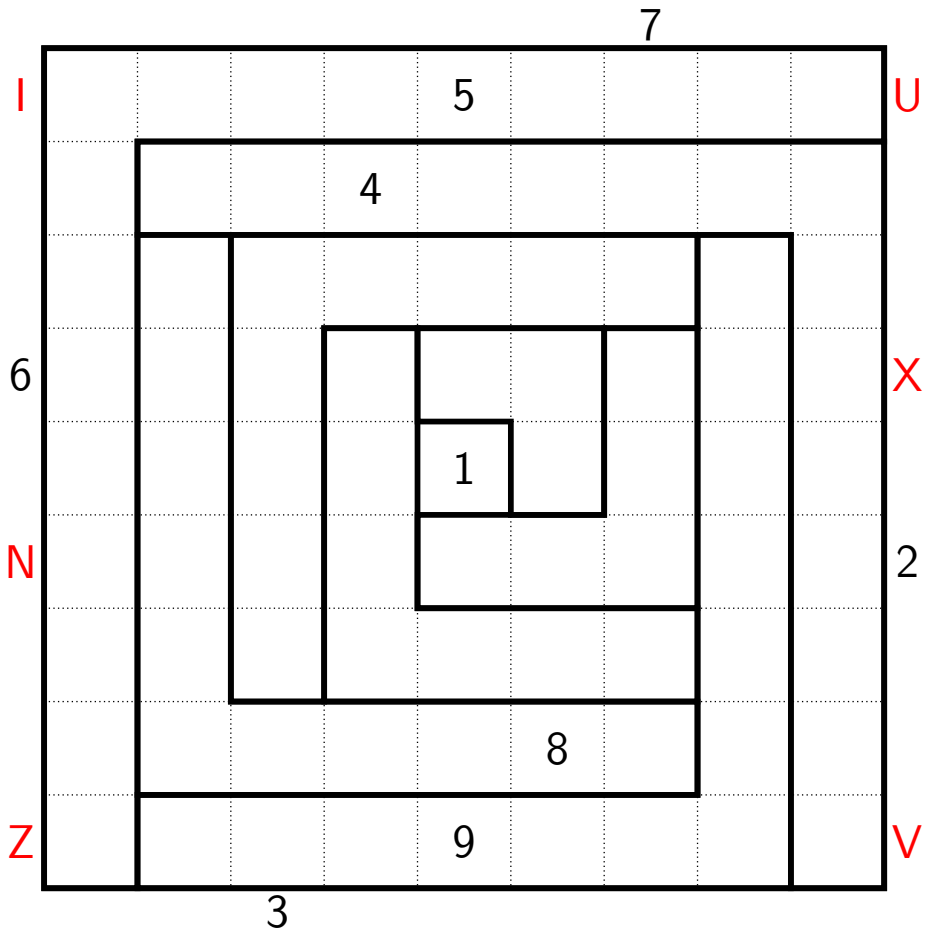
{1:1, 2:3, 3:5, 4:8, 5:9, 6:4, 7:[], 8:6, 9:7}

digit(s) 7 cannot be assigned to any hook



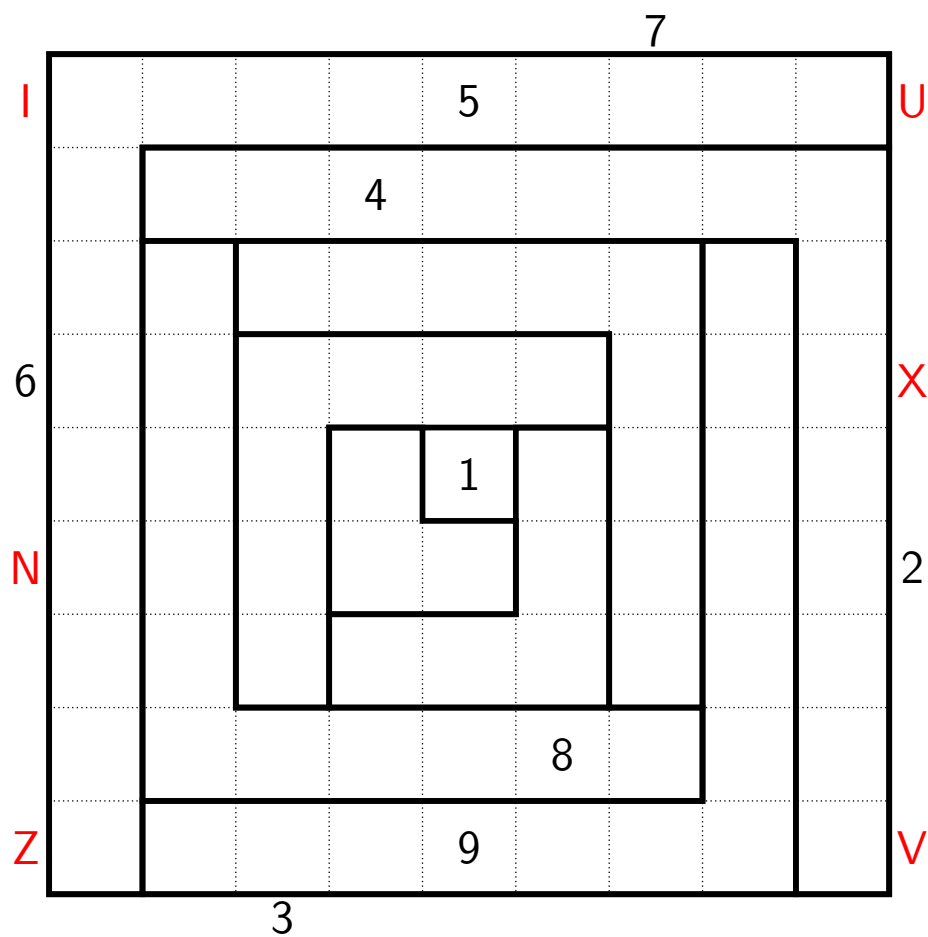
{1:1, 2:[2, 3], 3:5, 4:8, 5:9, 6:4, 7:[], 8:6, 9:7}

digit(s) 7 cannot be assigned to any hook



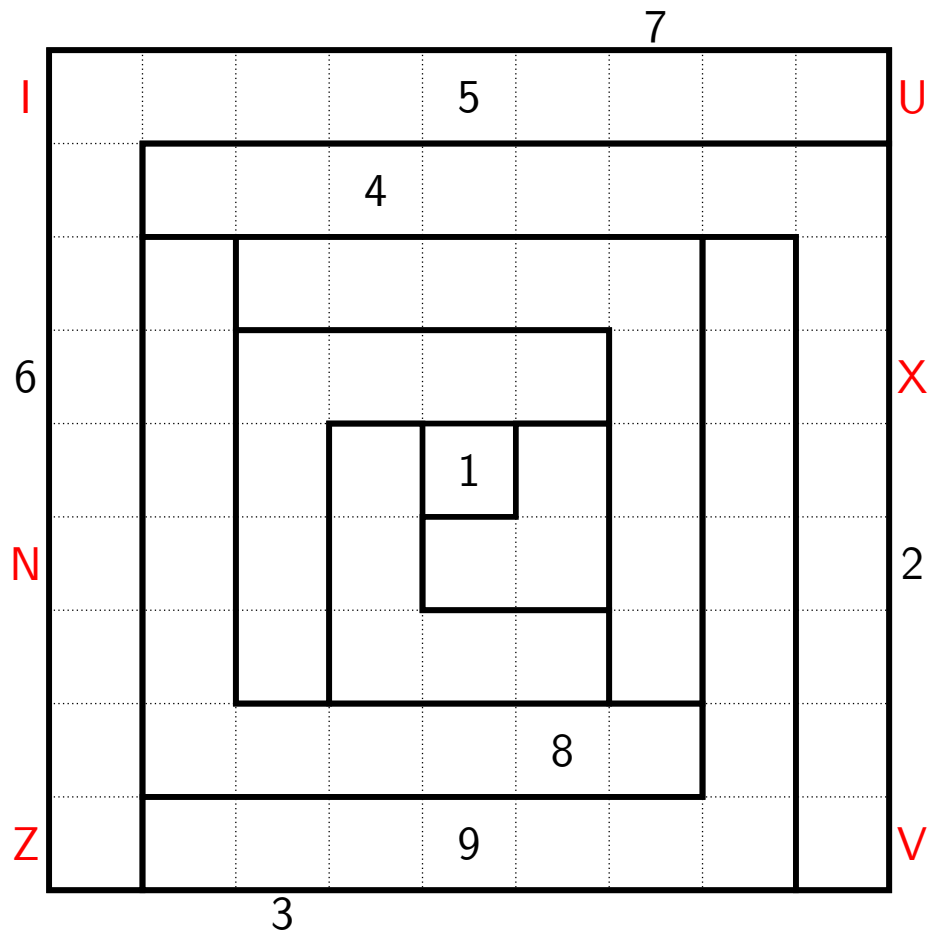
```
{1:1, 2:3, 3:5, 4:8, 5:9, 6:4, 7:[], 8:6, 9:7}
```

```
digit(s) 7 cannot be assigned to any hook
```



{1:1, 2:[2, 3], 3:4, 4:8, 5:9, 6:4, 7:5, 8:6, 9:7}

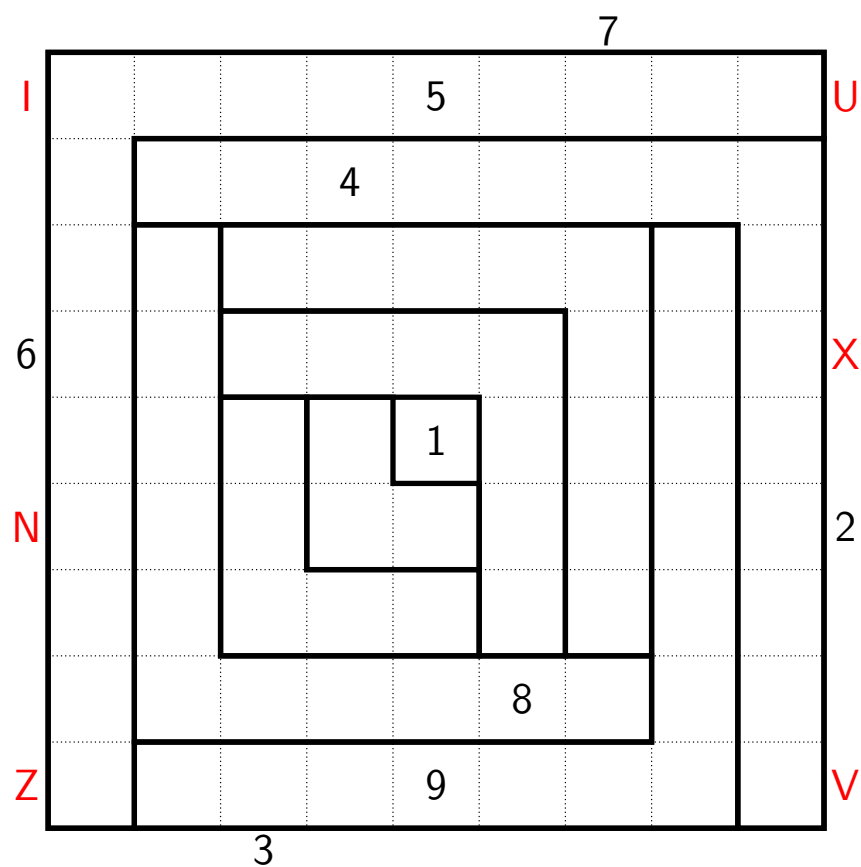
digits 3,6 are fighting over hook 4



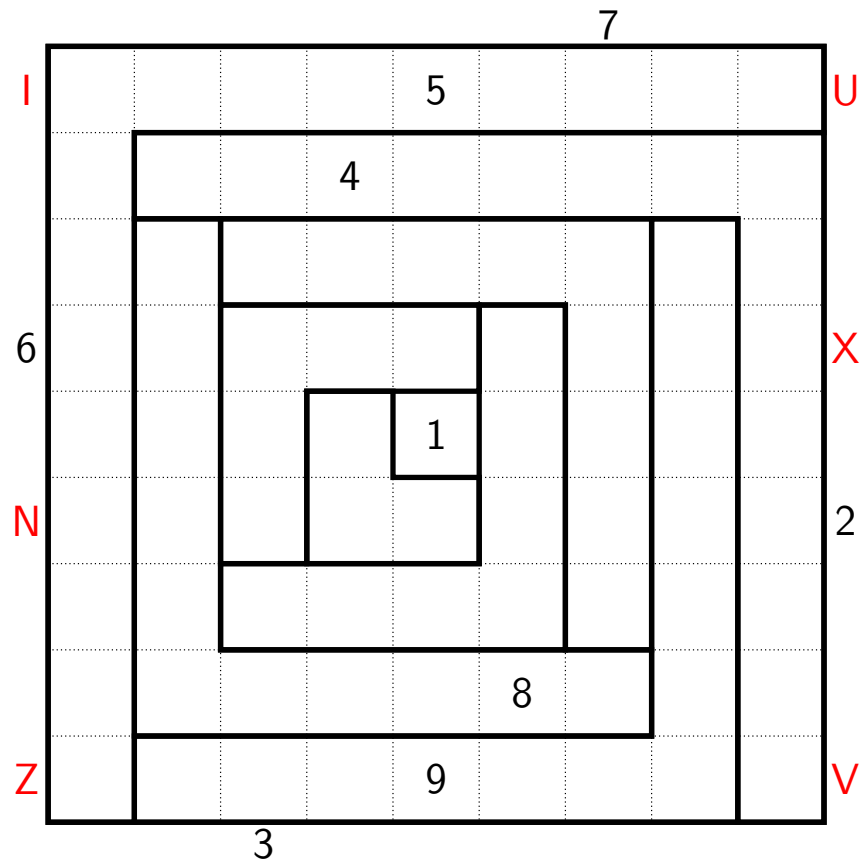
{1:1, 2:[2, 3], 3:4, 4:8, 5:9, 6:4, 7:5, 8:6, 9:7}

digits 3,6 are fighting over hook 4

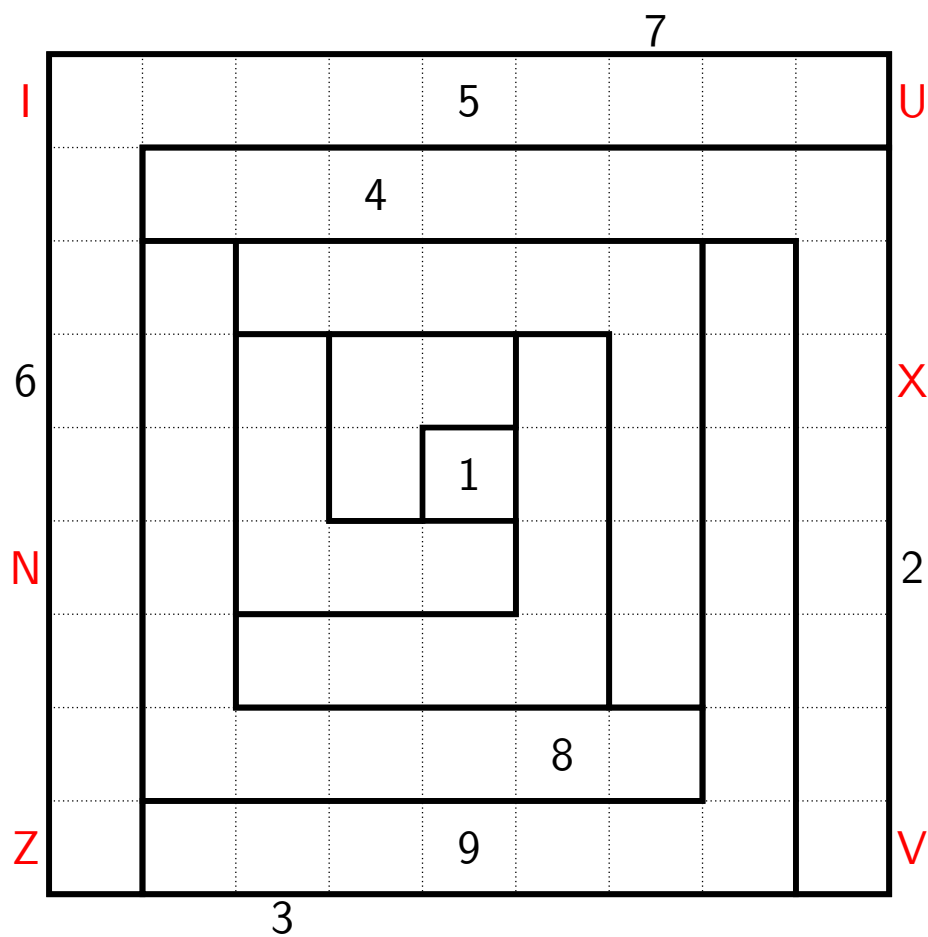




—1 : 1, 2 : 2, 3 : 3, 4 : 8, 5 : 9, 6 : 4, 7 : 5, 8 : 6, 9 : 7''

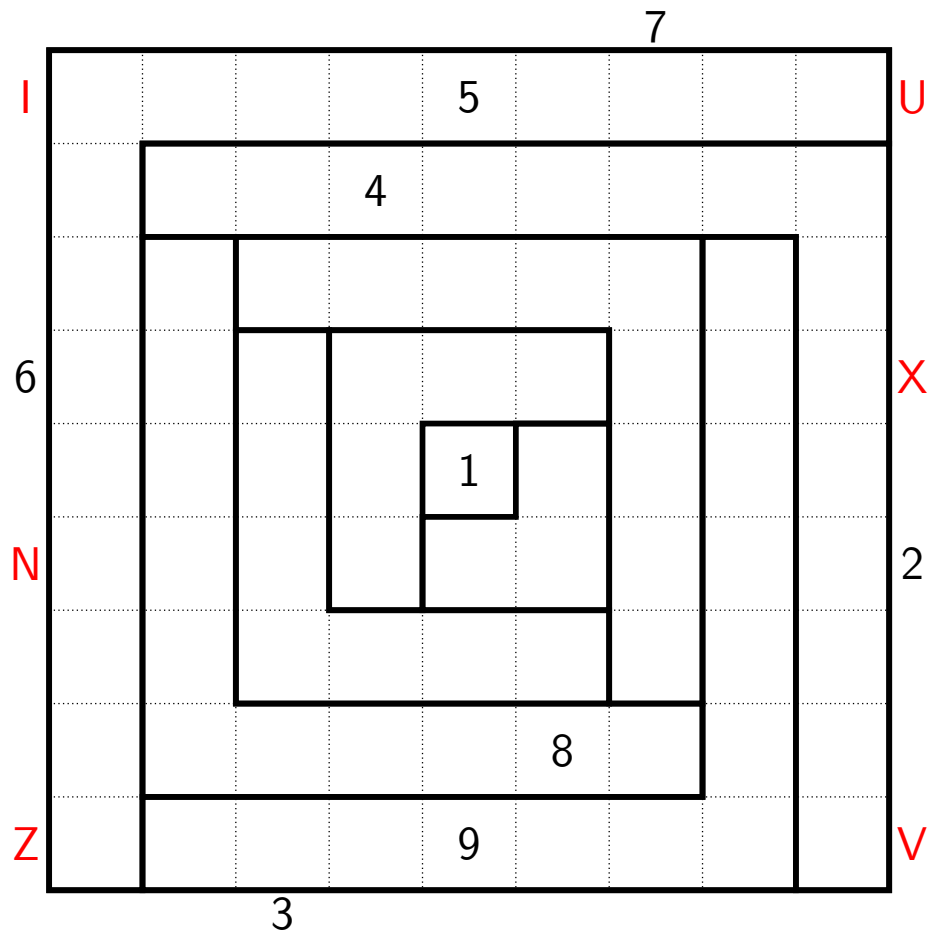


—1 : 1, 2 : 2, 3 : 3, 4 : 8, 5 : 9, 6 : 4, 7 : 5, 8 : 6, 9 : 7''



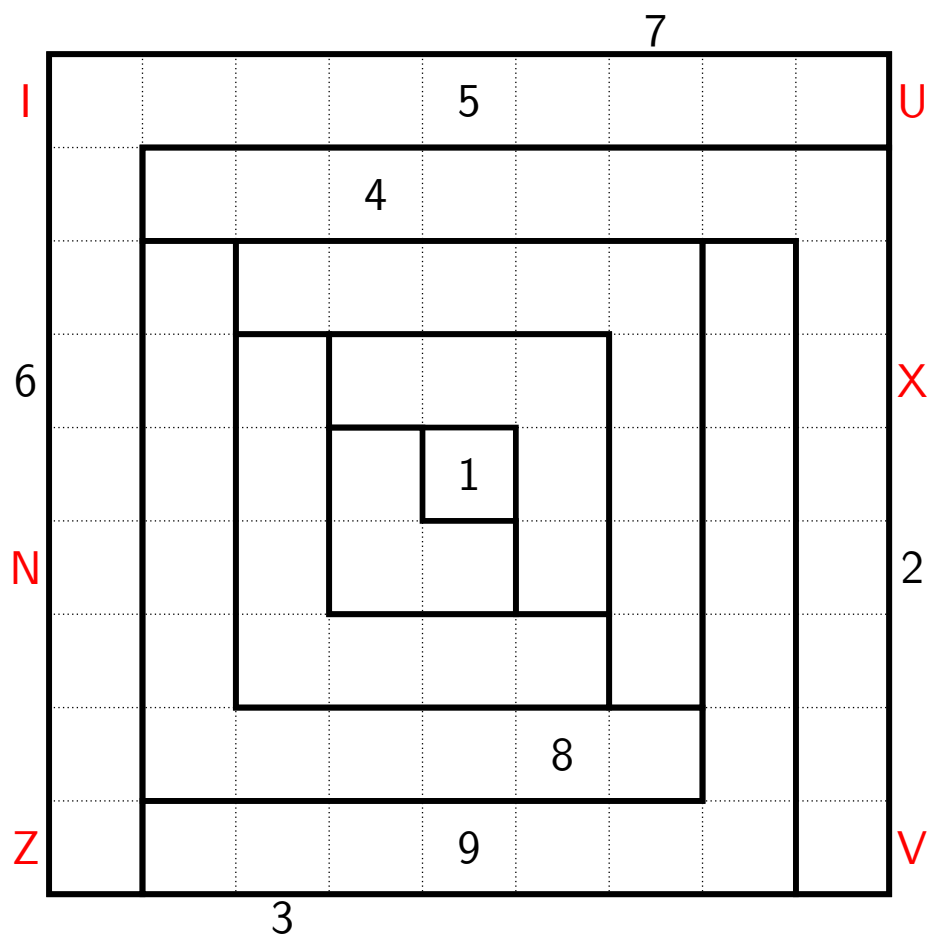
{1:1, 2:3, 3:3, 4:8, 5:9, 6:4, 7:5, 8:6, 9:7}

digits 2,3 are fighting over hook 3



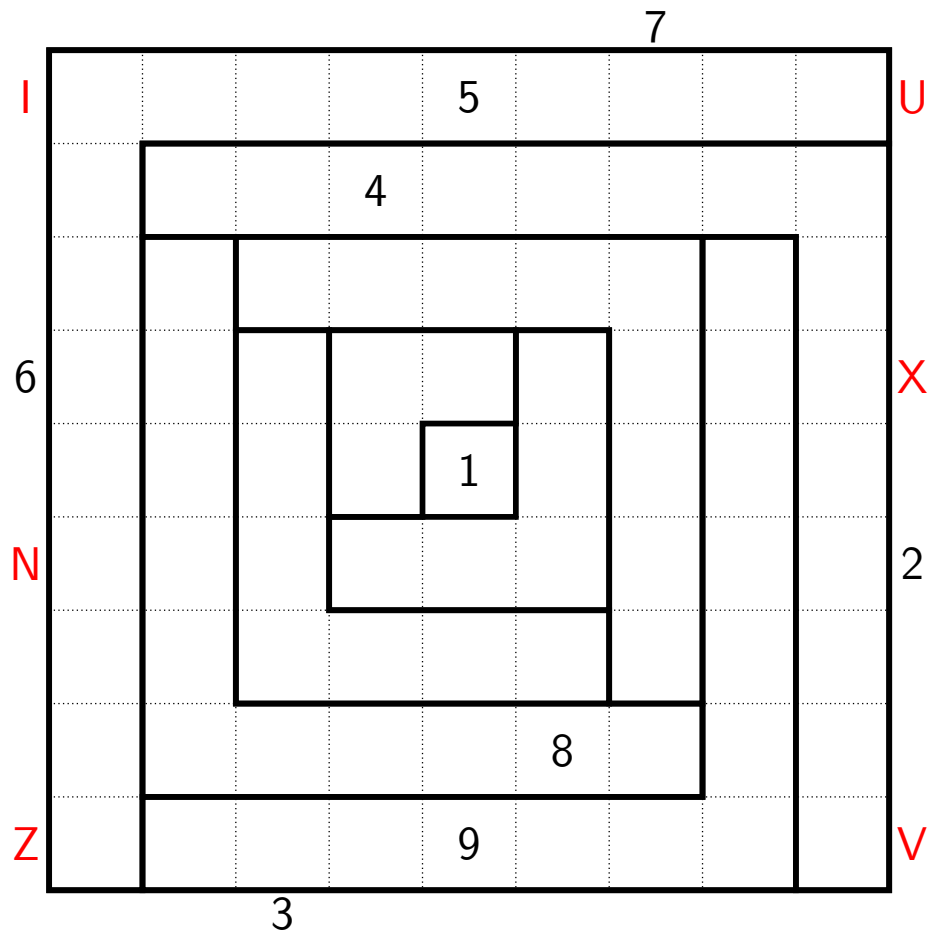
{1:1, 2:[2, 3], 3:4, 4:8, 5:9, 6:4, 7:5, 8:6, 9:7}

digits 3,6 are fighting over hook 4



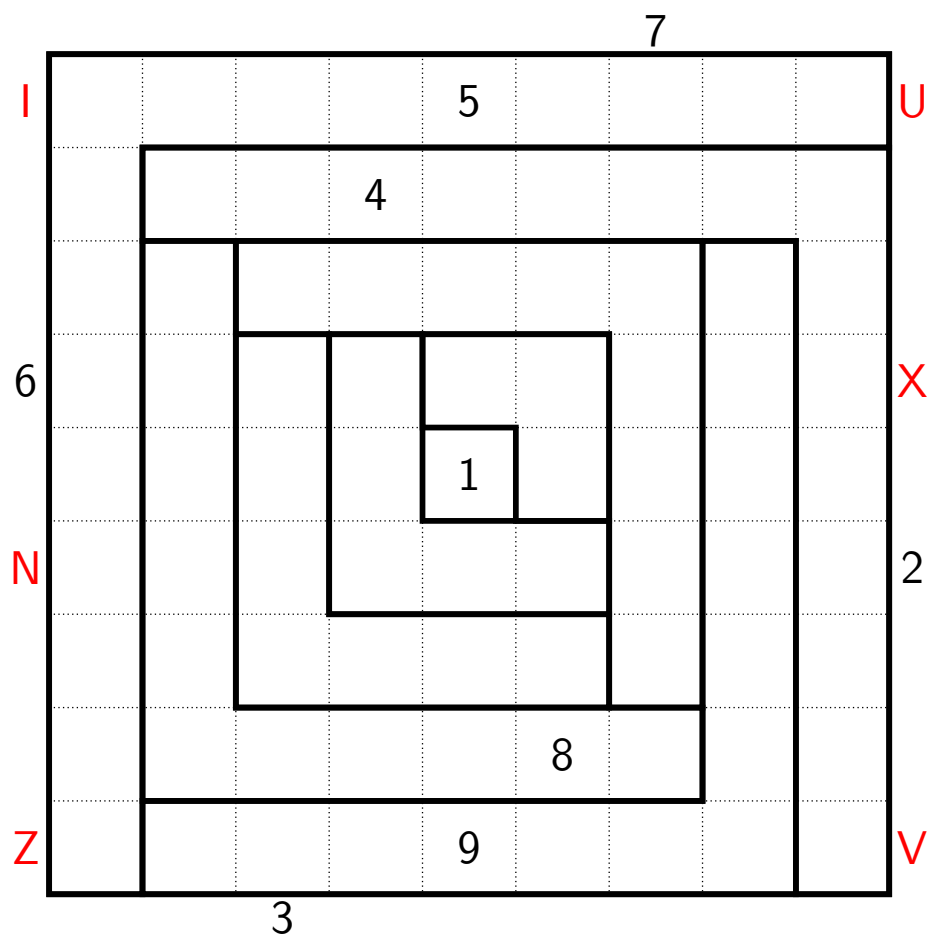
{1:1, 2:[2, 3], 3:4, 4:8, 5:9, 6:4, 7:5, 8:6, 9:7}

digits 3,6 are fighting over hook 4



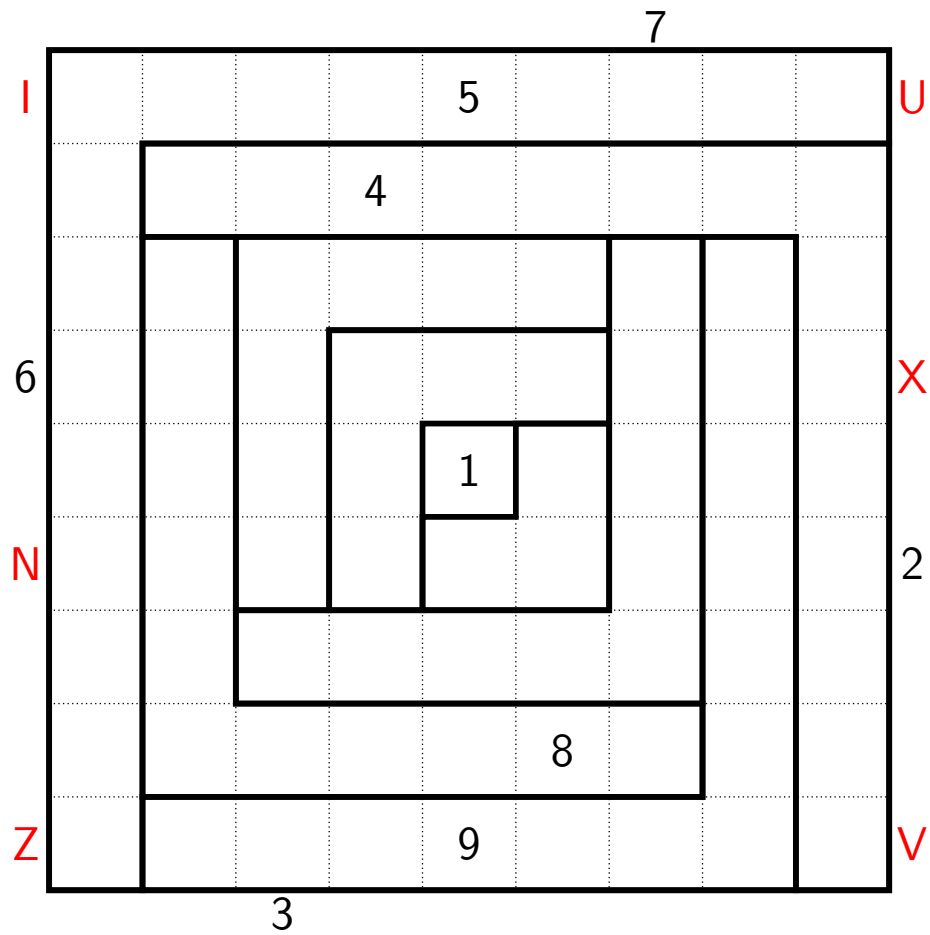
{1:1, 2:3, 3:4, 4:8, 5:9, 6:4, 7:5, 8:6, 9:7}

digits 3,6 are fighting over hook 4



{1:1, 2:3, 3:4, 4:8, 5:9, 6:4, 7:5, 8:6, 9:7}

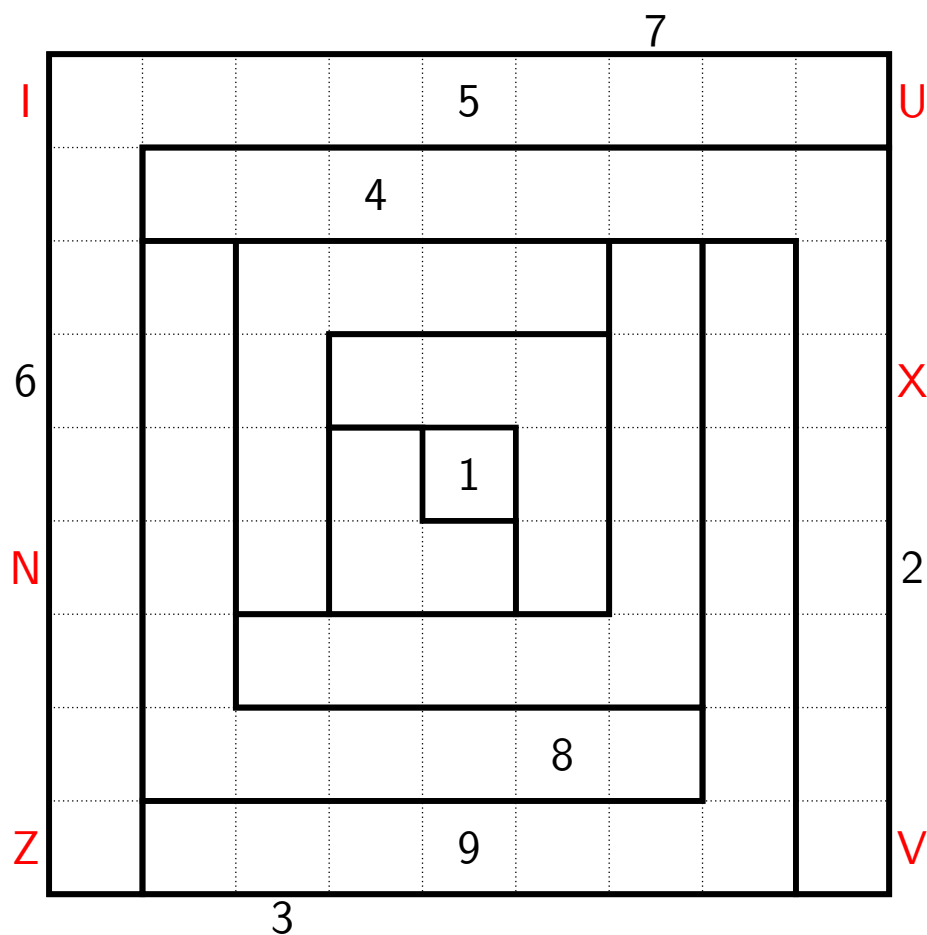
digits 3,6 are fighting over hook 4



{1:1, 2:[2, 3], 3:4, 4:8, 5:9, 6:4, 7:5, 8:6, 9:7}

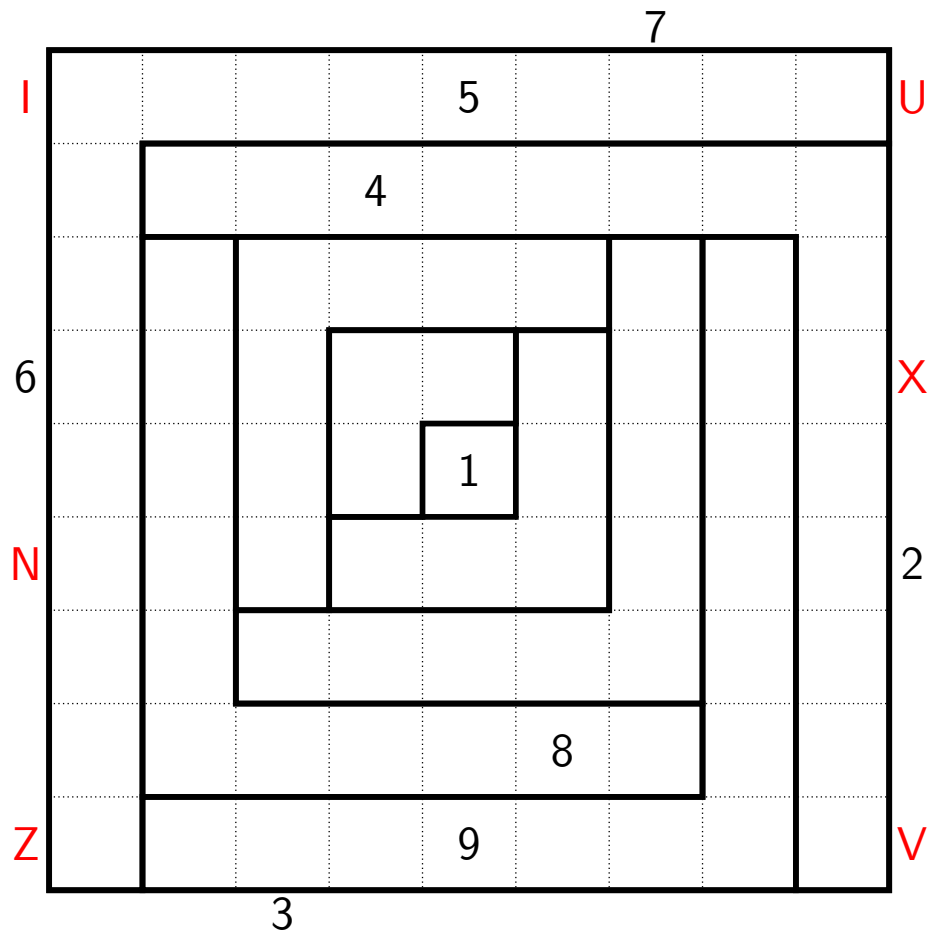
digits 3,6 are fighting over hook 4





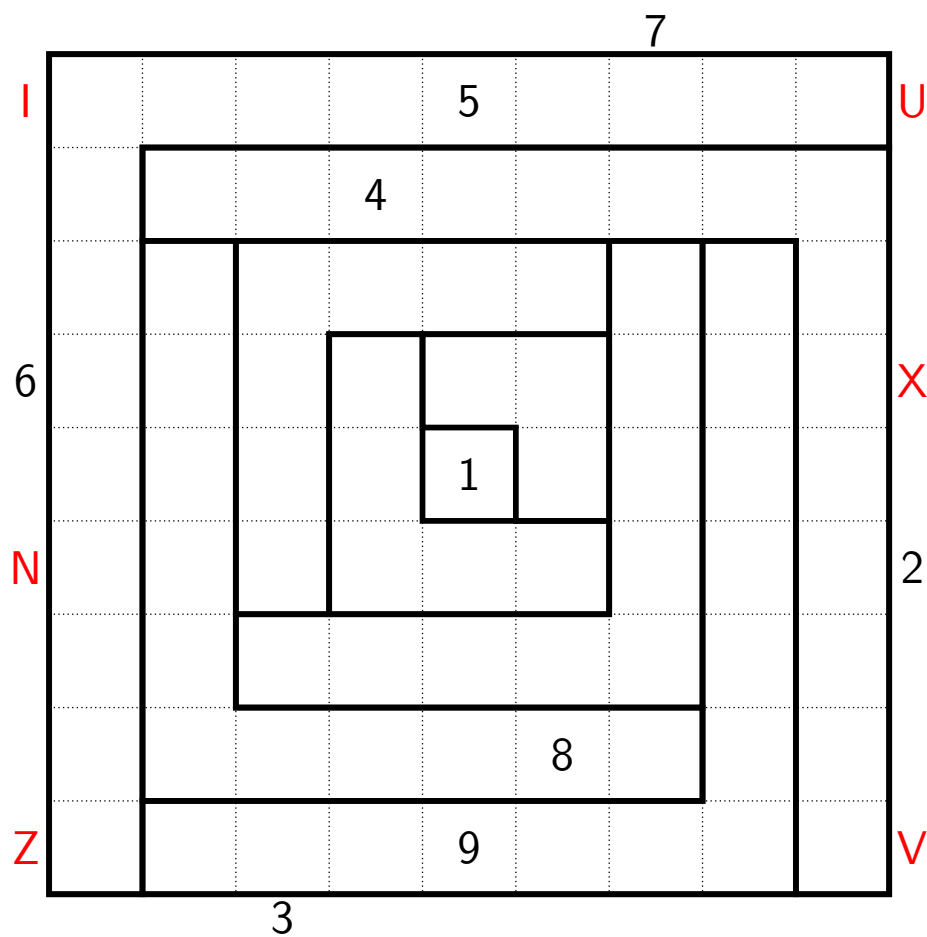
{1:1, 2:[2, 3], 3:4, 4:8, 5:9, 6:4, 7:5, 8:6, 9:7}

digits 3,6 are fighting over hook 4



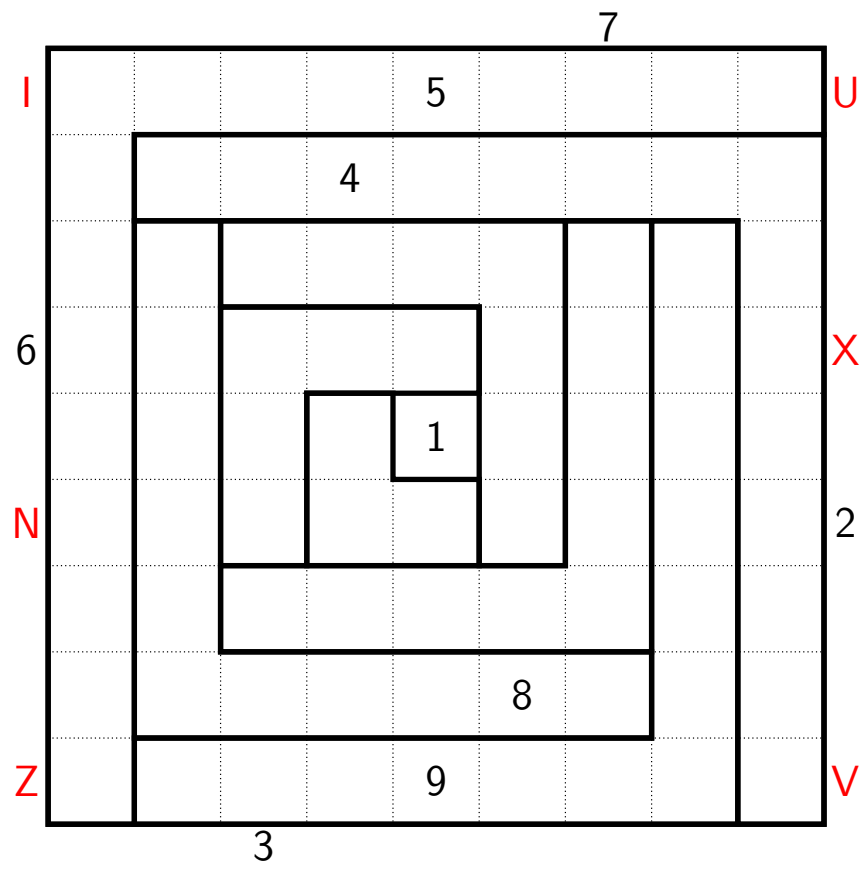
{1:1, 2:3, 3:4, 4:8, 5:9, 6:4, 7:5, 8:6, 9:7}

digits 3,6 are fighting over hook 4

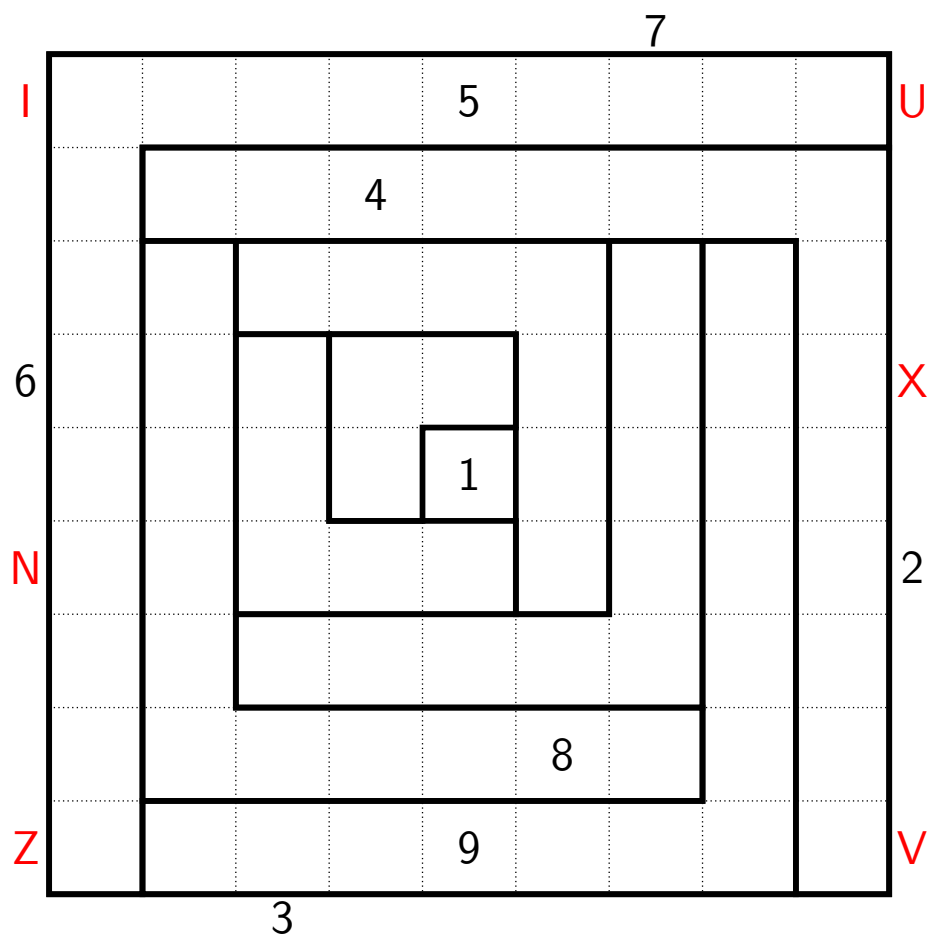


{1:1, 2:3, 3:4, 4:8, 5:9, 6:4, 7:5, 8:6, 9:7}

digits 3,6 are fighting over hook 4

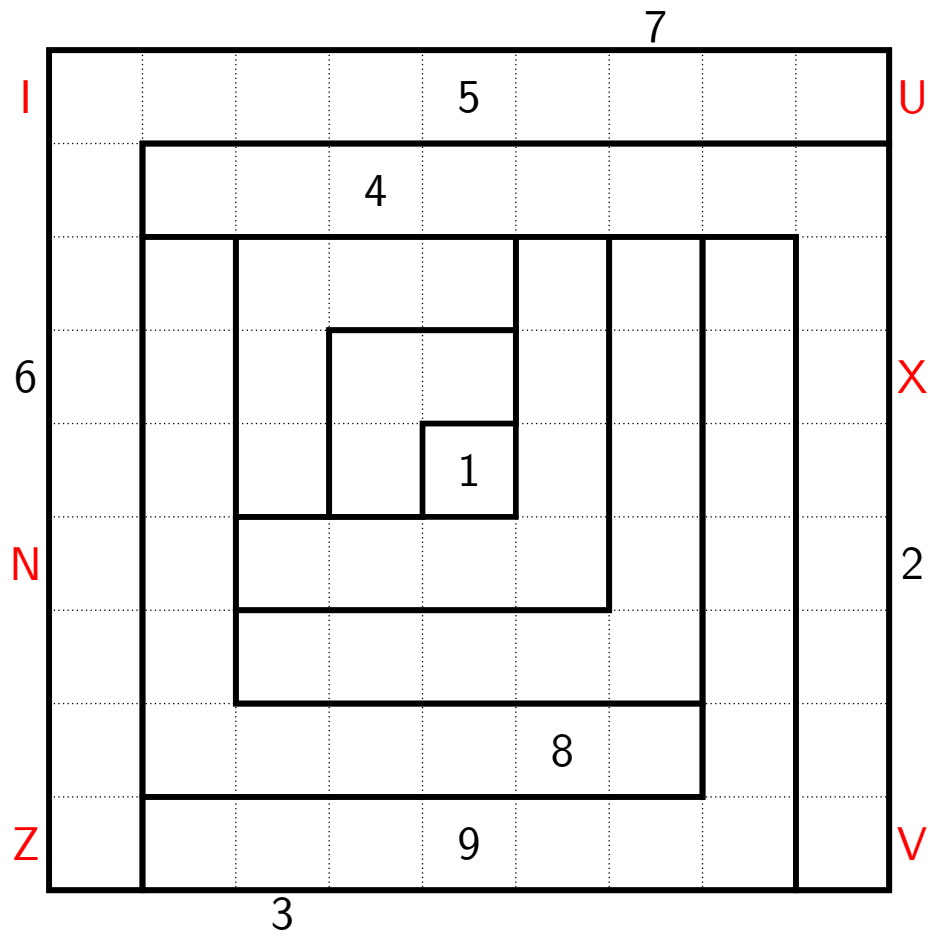


—1 : 1, 2 : 2, 3 : 3, 4 : 8, 5 : 9, 6 : 4, 7 : 5, 8 : 6, 9 : 7''



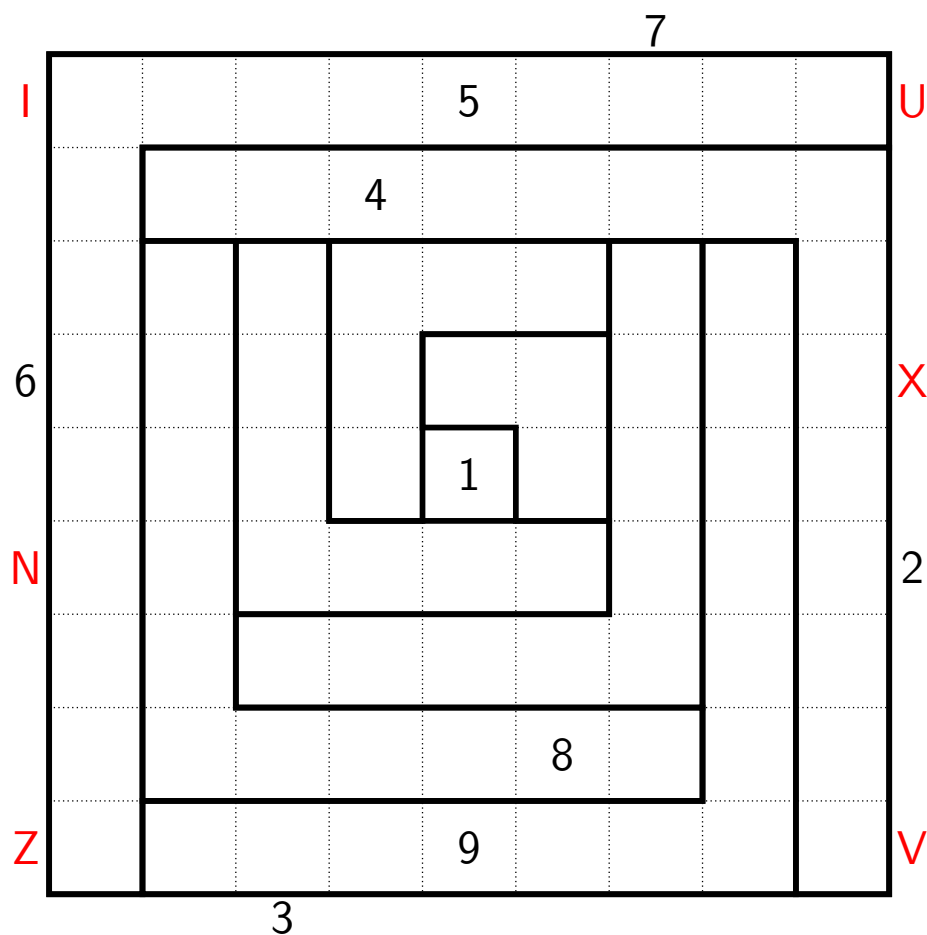
{1:1, 2:3, 3:3, 4:8, 5:9, 6:4, 7:5, 8:6, 9:7}

digits 2,3 are fighting over hook 3



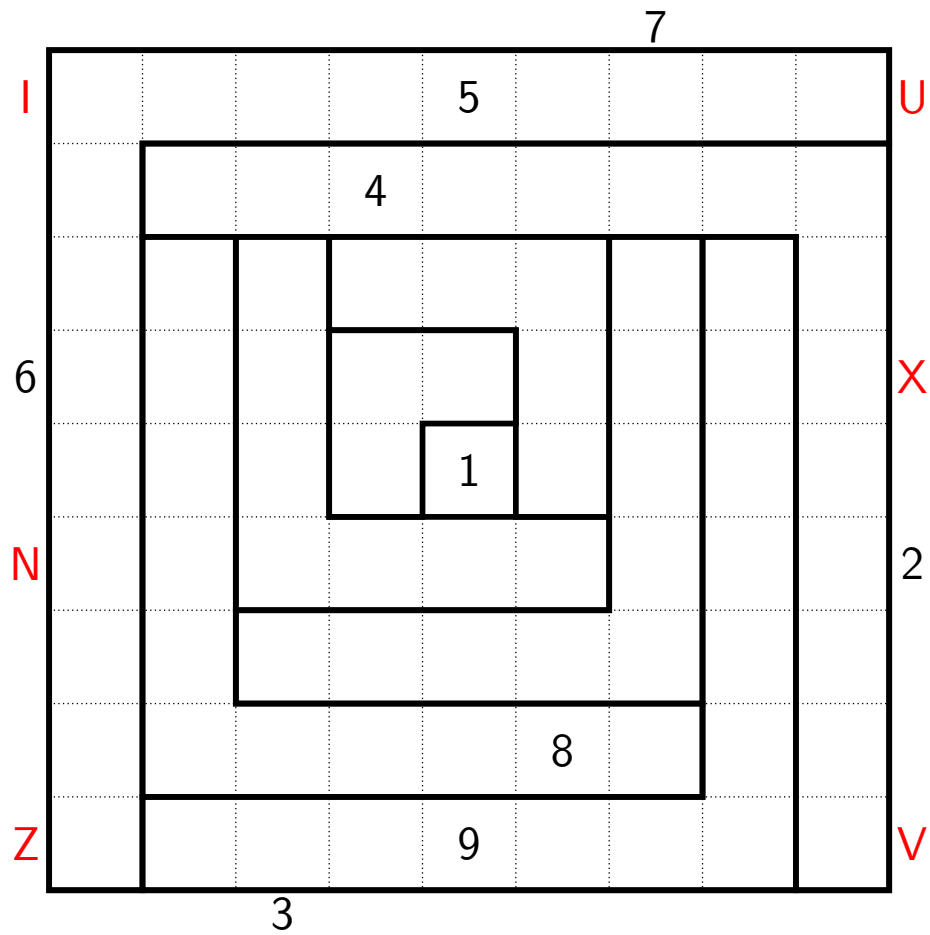
{1:1, 2:4, 3:3, 4:8, 5:9, 6:4, 7:5, 8:6, 9:7}

digits 2,6 are fighting over hook 4



{1:1, 2:4, 3:4, 4:8, 5:9, 6:4, 7:5, 8:6, 9:7}

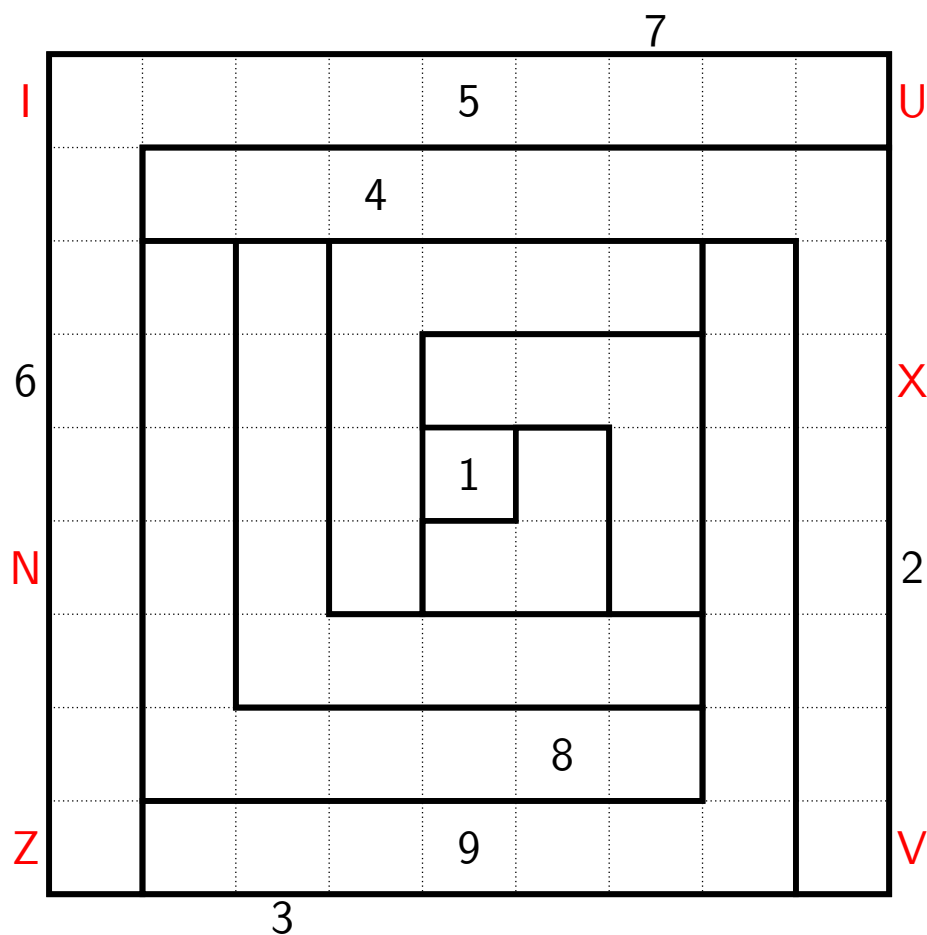
digits 2,3,6 are fighting over hook 4



{1:1, 2:4, 3:4, 4:8, 5:9, 6:4, 7:5, 8:6, 9:7}

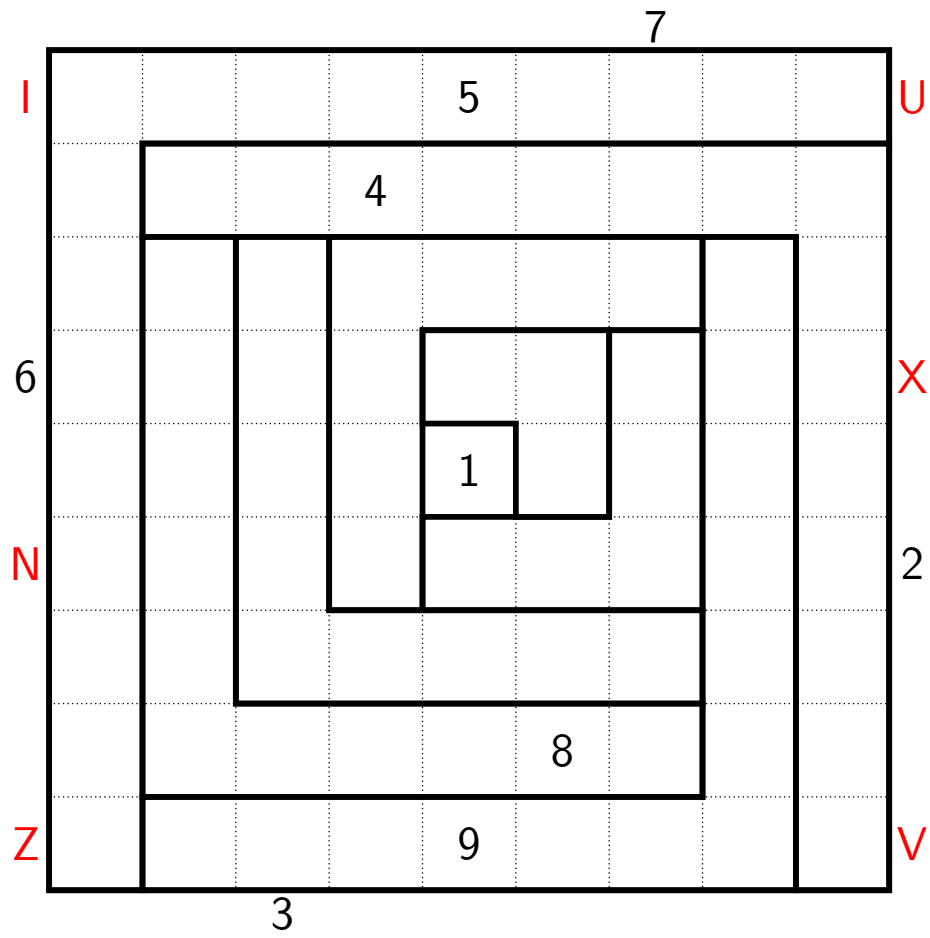
digits 2,3,6 are fighting over hook 4





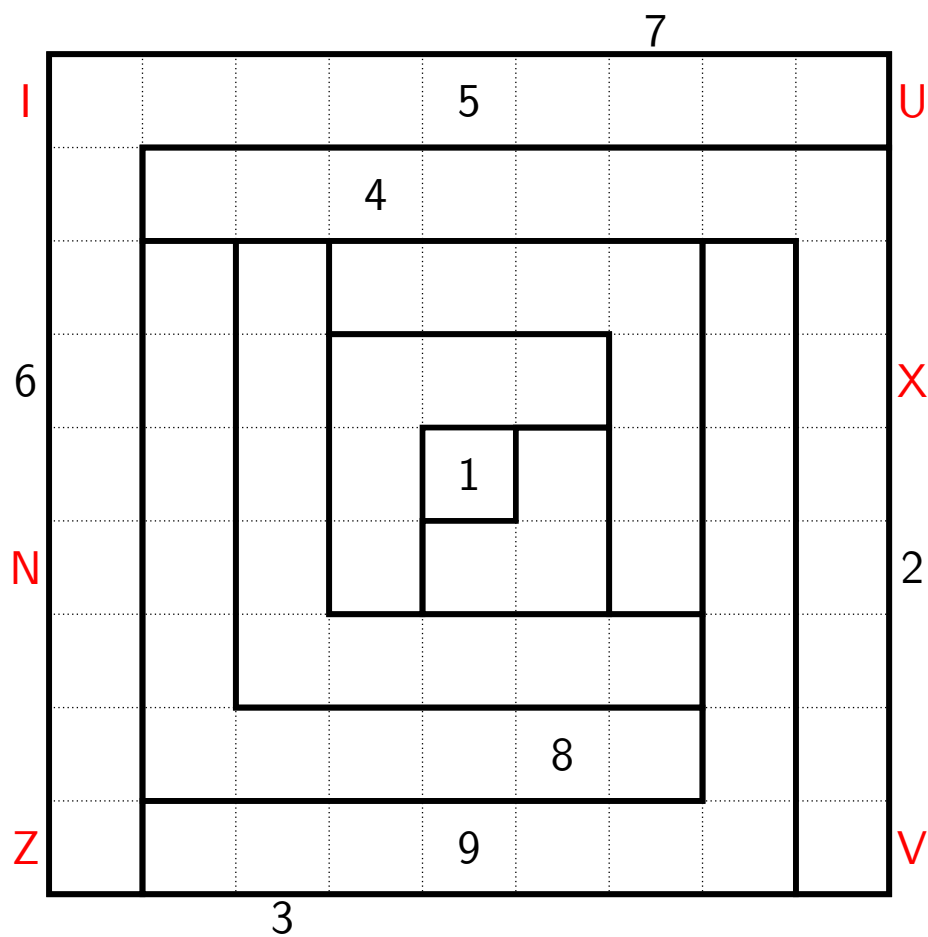
{1:1, 2:[2, 3], 3:5, 4:8, 5:9, 6:4, 7:[], 8:6, 9:7}

digit(s) 7 cannot be assigned to any hook



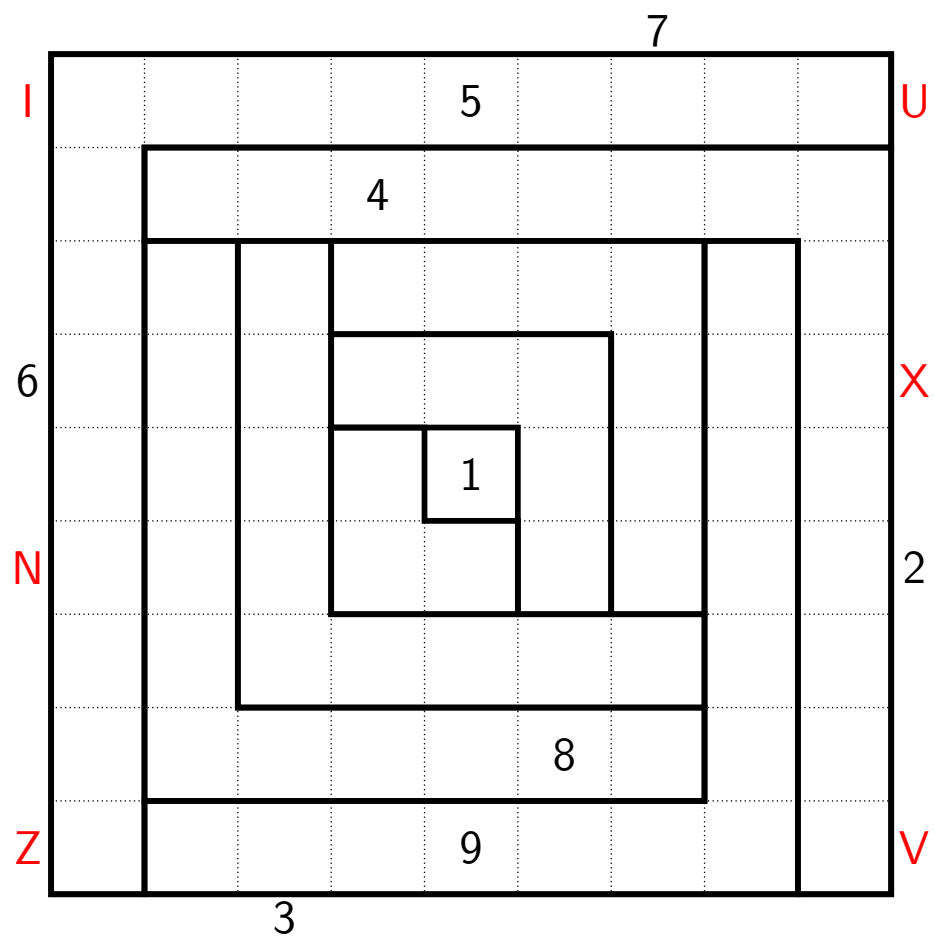
{1:1, 2:3, 3:5, 4:8, 5:9, 6:4, 7:[], 8:6, 9:7}

digit(s) 7 cannot be assigned to any hook



{1:1, 2:[2, 3], 3:5, 4:8, 5:9, 6:4, 7:[], 8:6, 9:7}

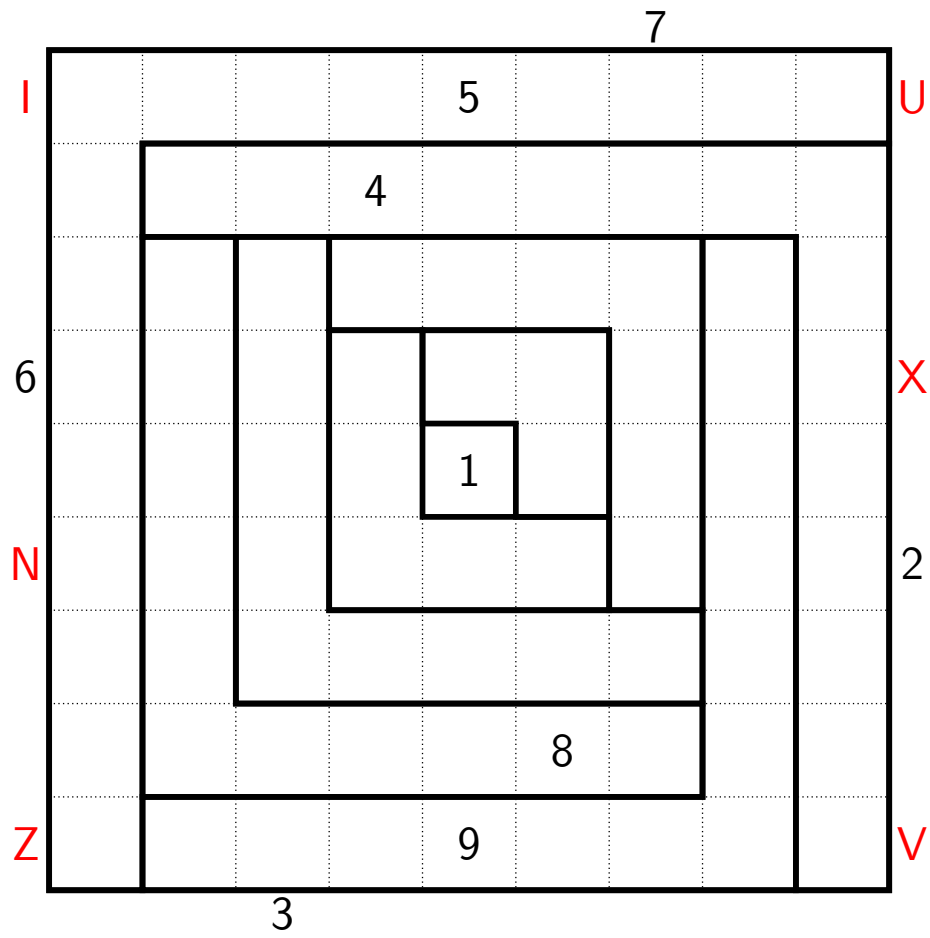
digit(s) 7 cannot be assigned to any hook



{1:1, 2:[2, 3], 3:5, 4:8, 5:9, 6:4, 7:[], 8:6, 9:7}

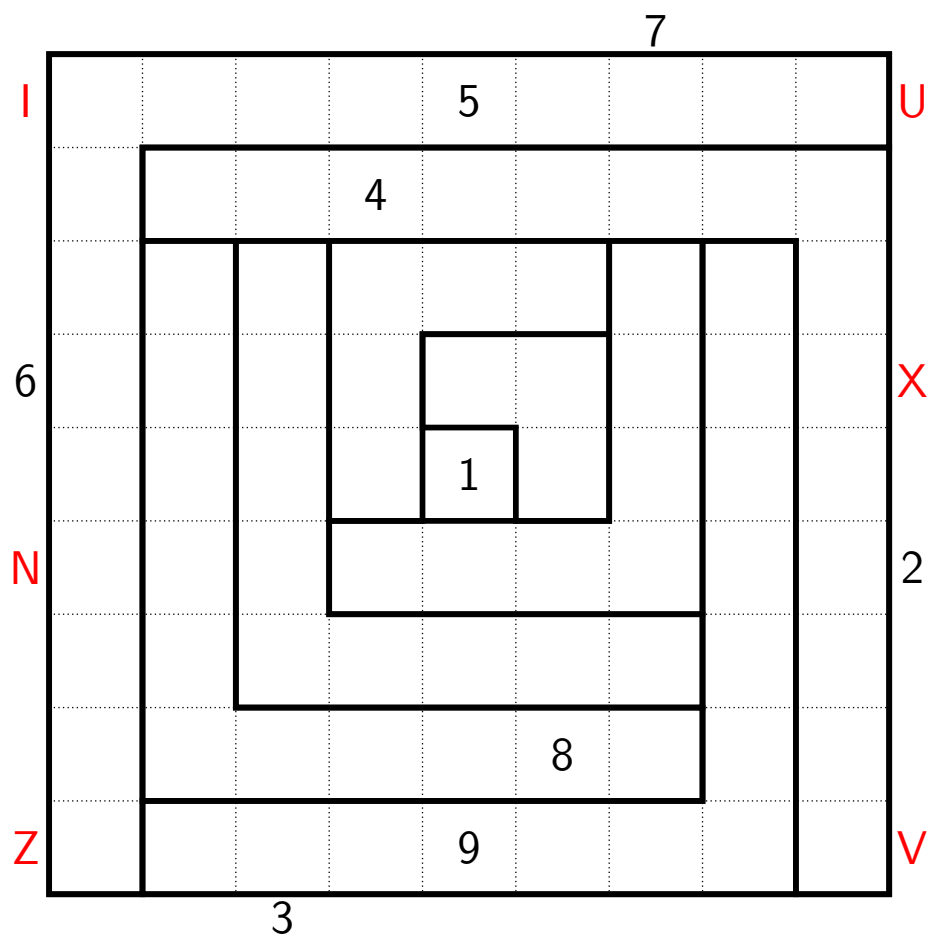
digit(s) 7 cannot be assigned to any hook

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digit(s) 7 cannot be assigned to any hook
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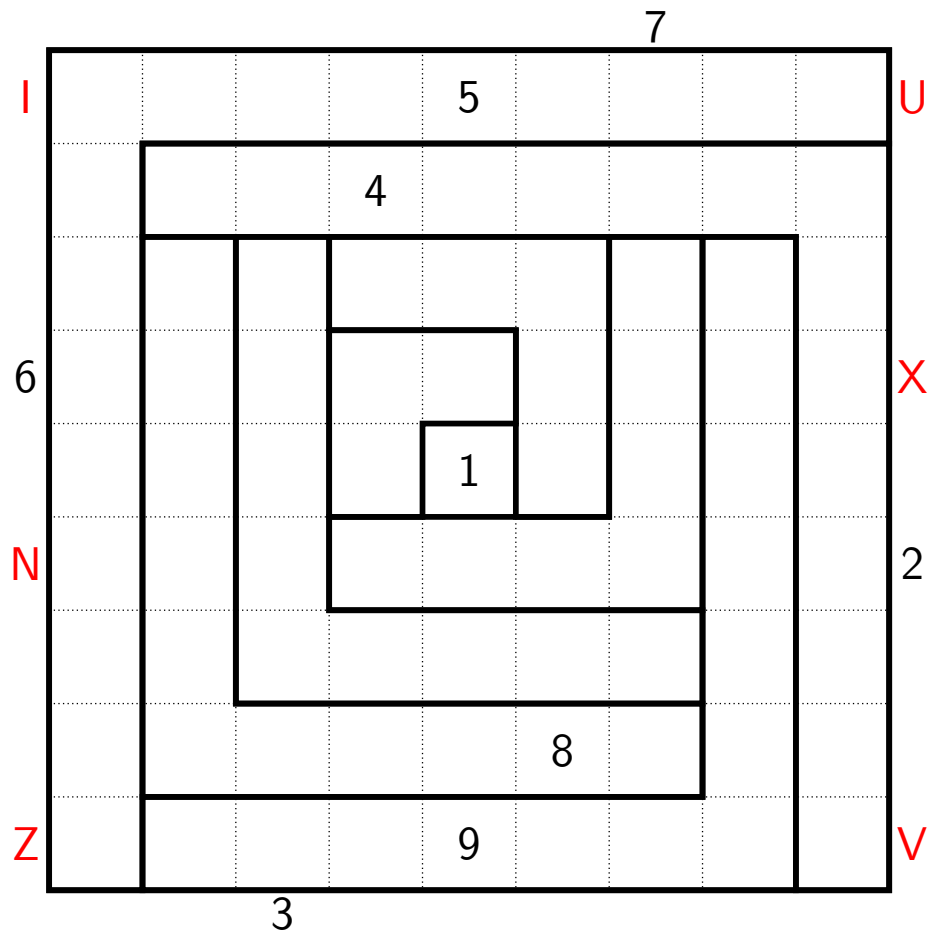
{1:1, 2:3, 3:5, 4:8, 5:9, 6:4, 7:[], 8:6, 9:7}

digit(s) 7 cannot be assigned to any hook



{1:1, 2:5, 3:5, 4:8, 5:9, 6:4, 7:[], 8:6, 9:7}

digits 2,3 are fighting over hook 5

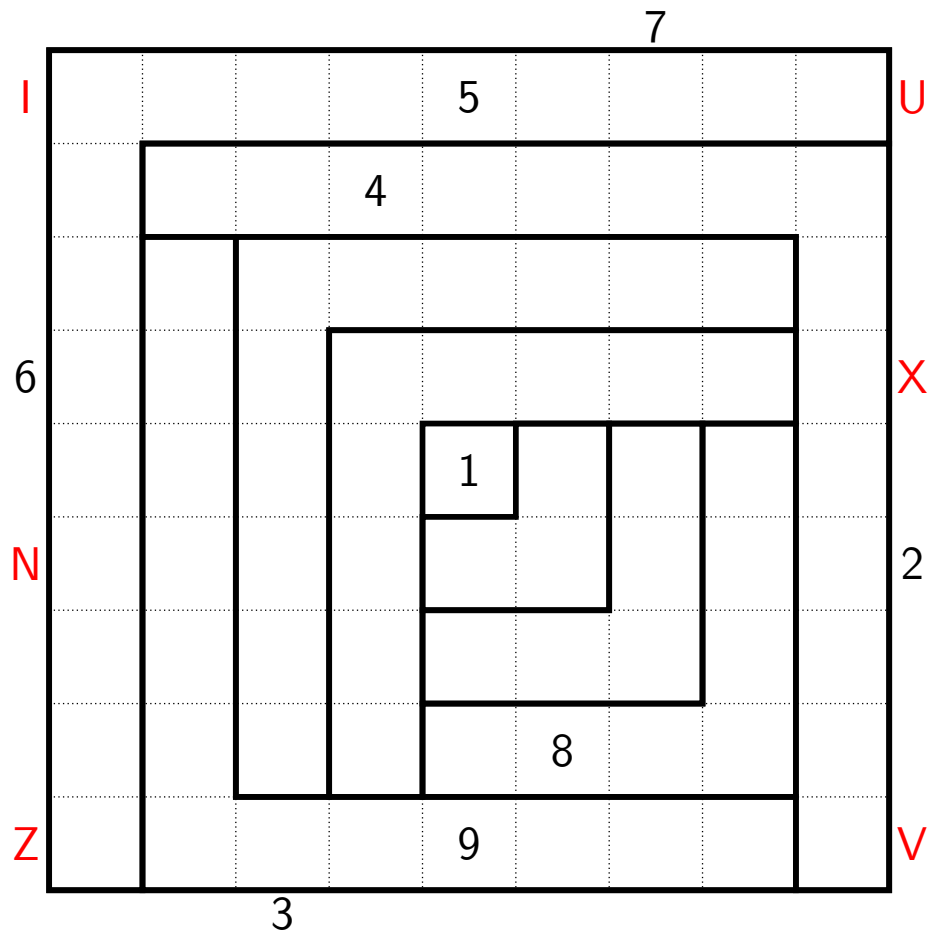


{1:1, 2:5, 3:5, 4:8, 5:9, 6:4, 7:[], 8:6, 9:7}

digits 2,3 are fighting over hook 5

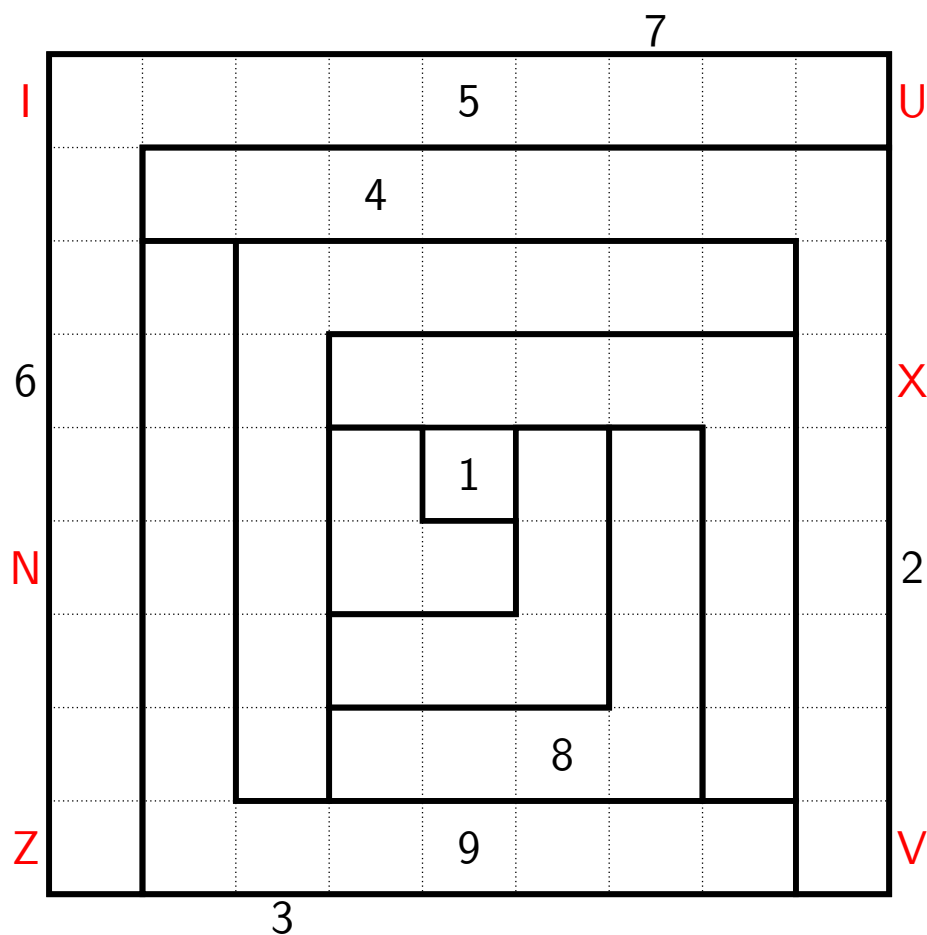


digits 2,3 are fighting over hook 5



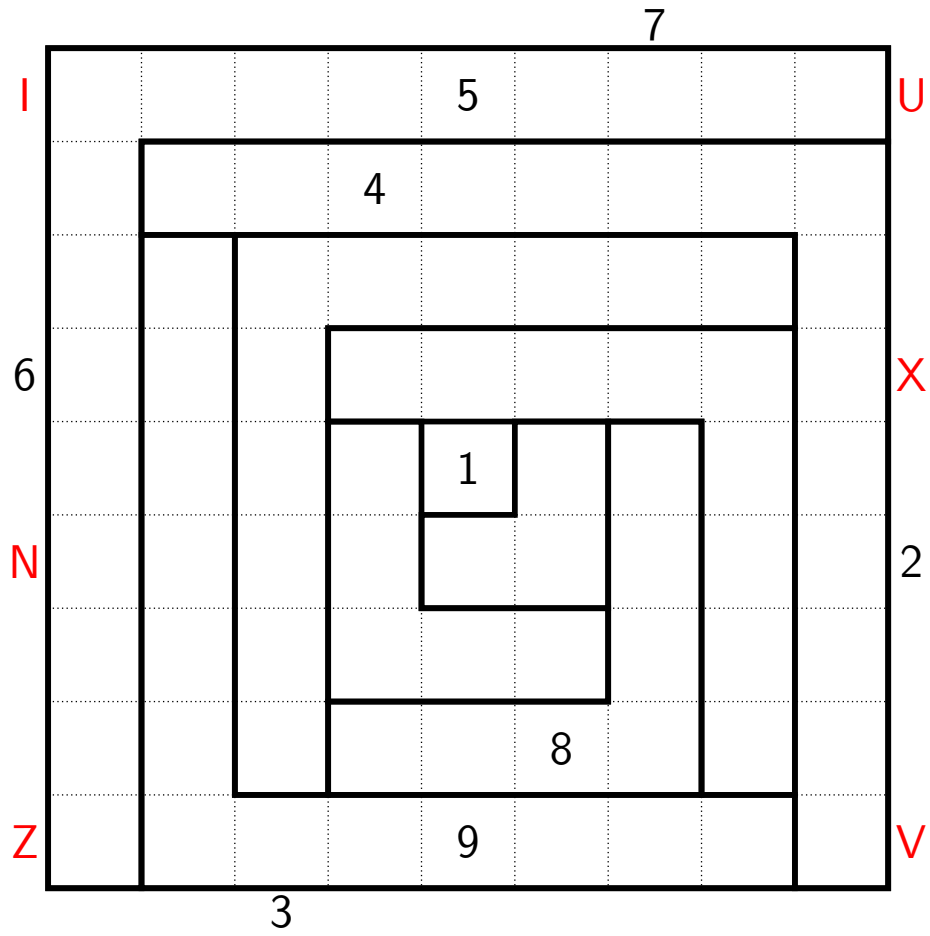
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:7}

hook 4 is too small for digit 8

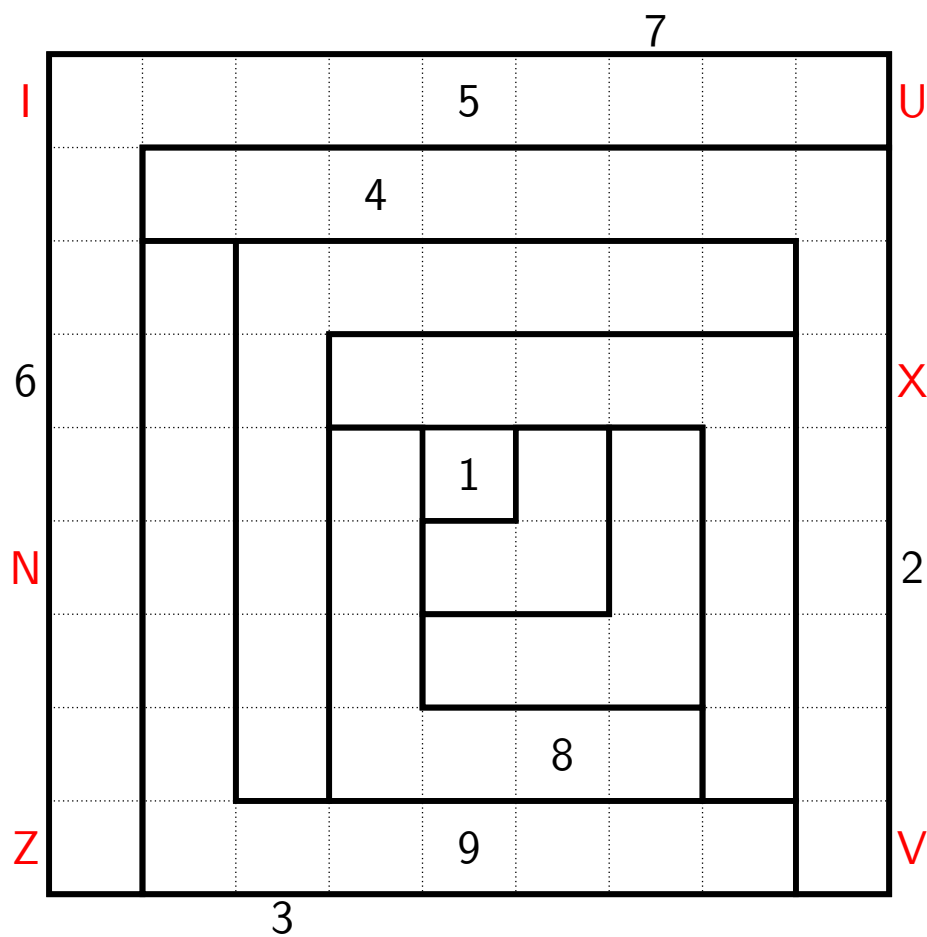


{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:7}

hook 4 is too small for digit 8

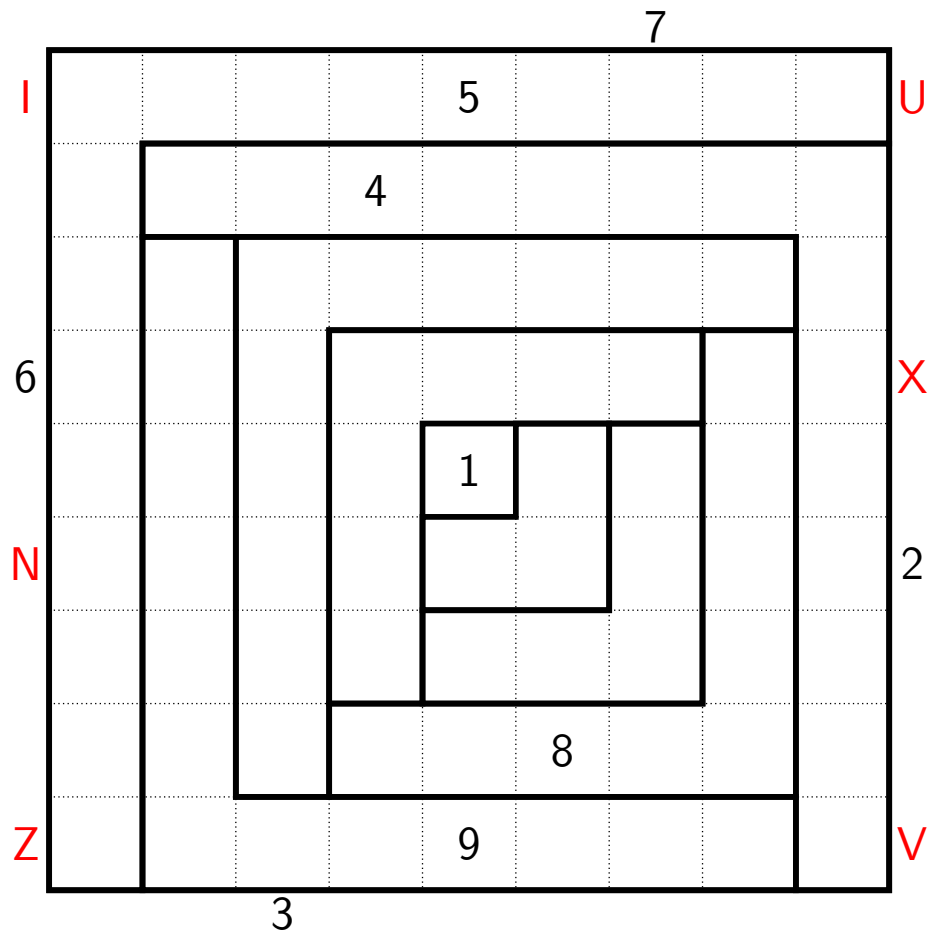

$$\{1:1, 2:\square, 3:\square, 4:\square, 5:\square, 6:\square, 7:\square, 8:\square, 9:7\}$$

```
hook 4 is too small for digit 8
```



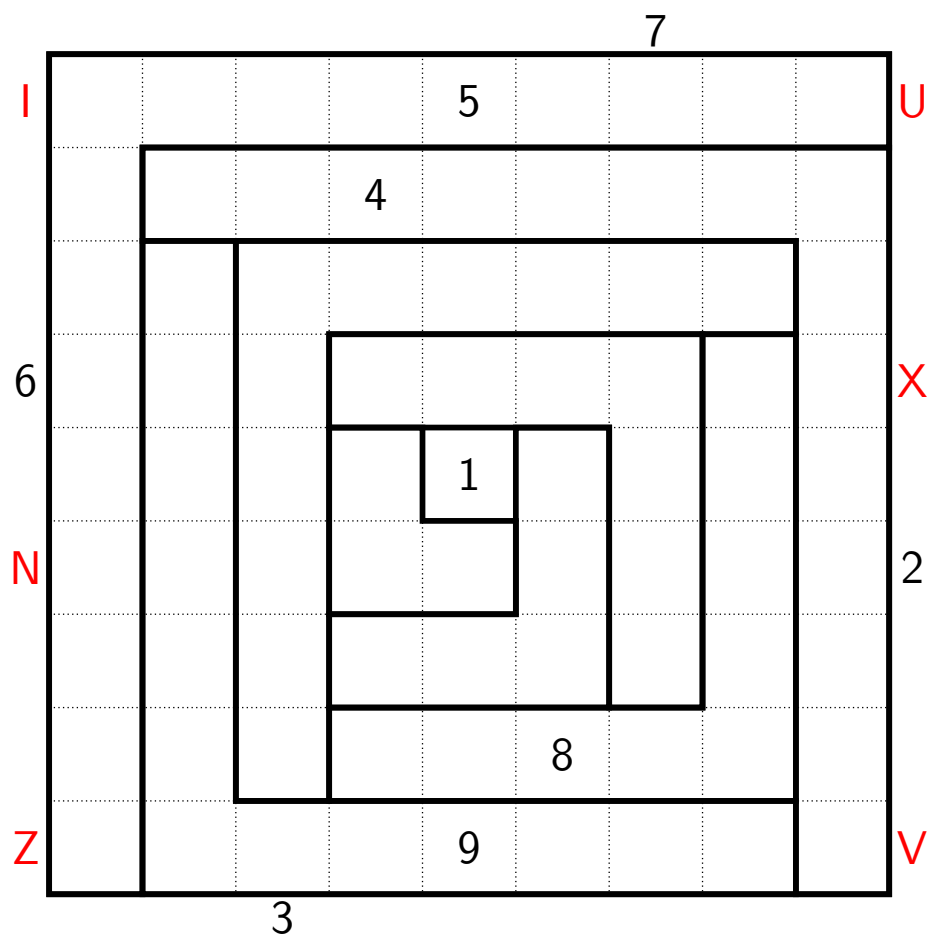
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:7}

hook 4 is too small for digit 8



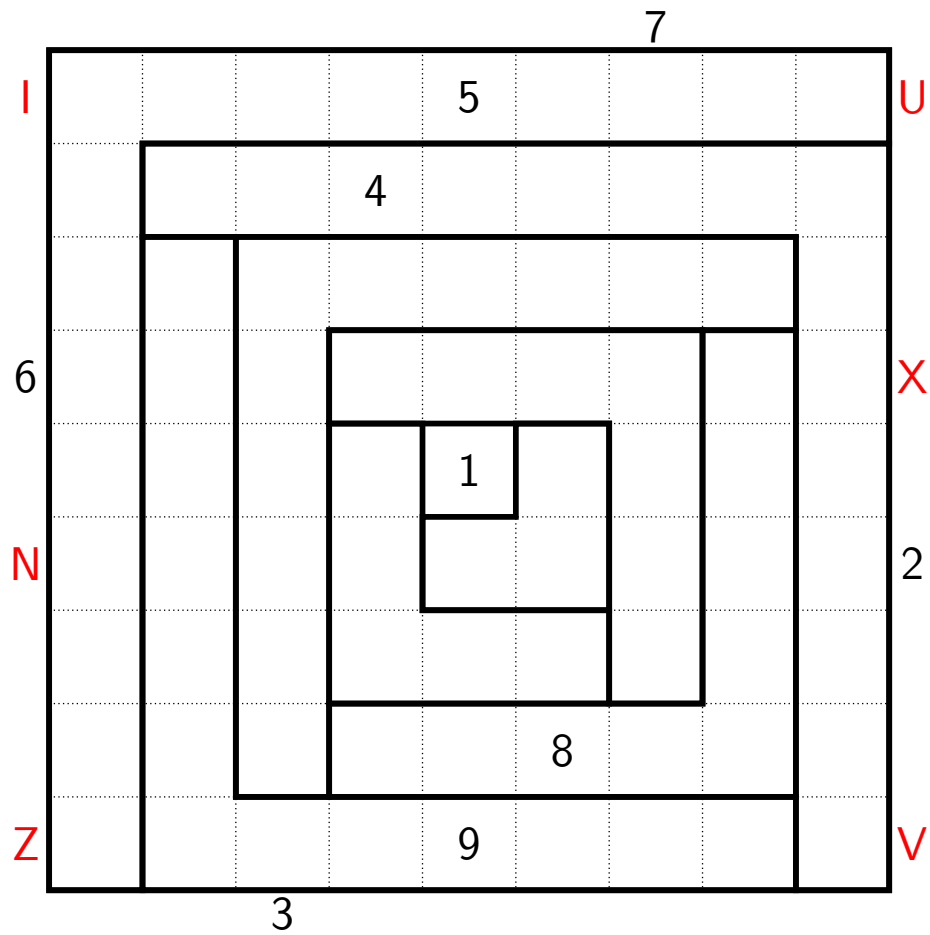
{1:1, 2:[2, 3], 3:6, 4:8, 5:9, 6:4, 7:[], 8:5, 9:7}

digit(s) 7 cannot be assigned to any hook



{1:1, 2:[2, 3], 3:6, 4:8, 5:9, 6:4, 7:[], 8:5, 9:7}

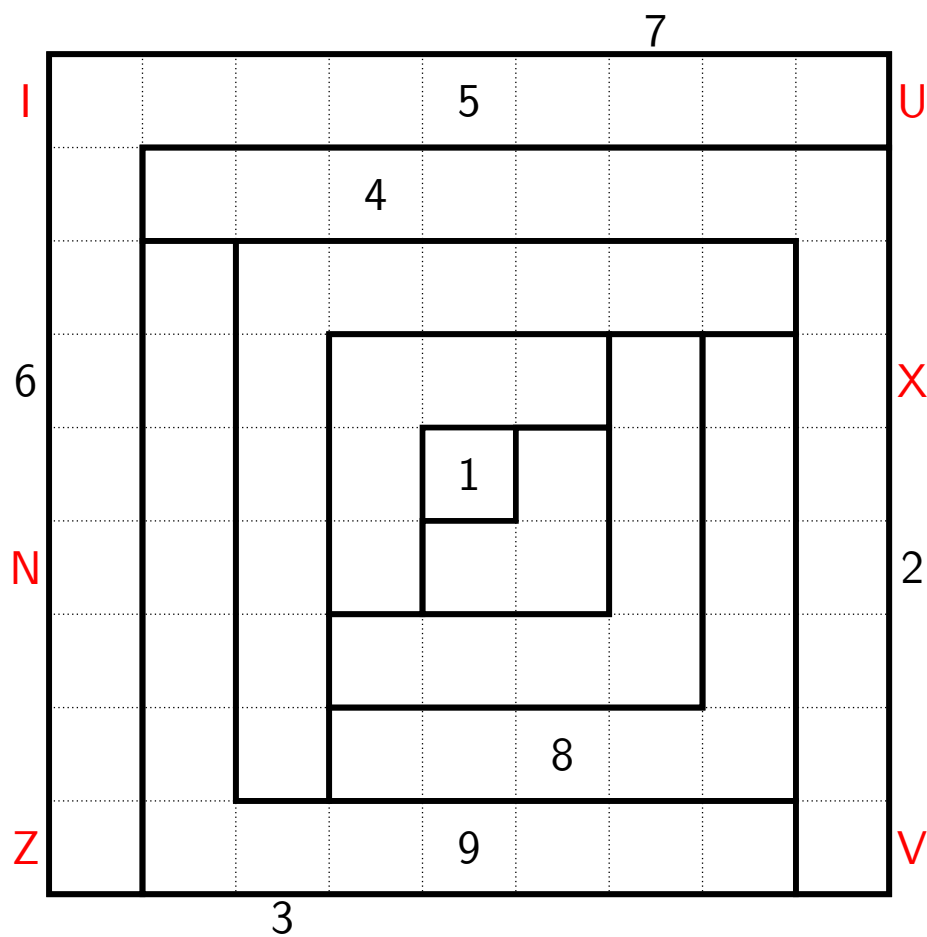
digit(s) 7 cannot be assigned to any hook



{1:1, 2:[2, 3], 3:6, 4:8, 5:9, 6:4, 7:[], 8:5, 9:7}

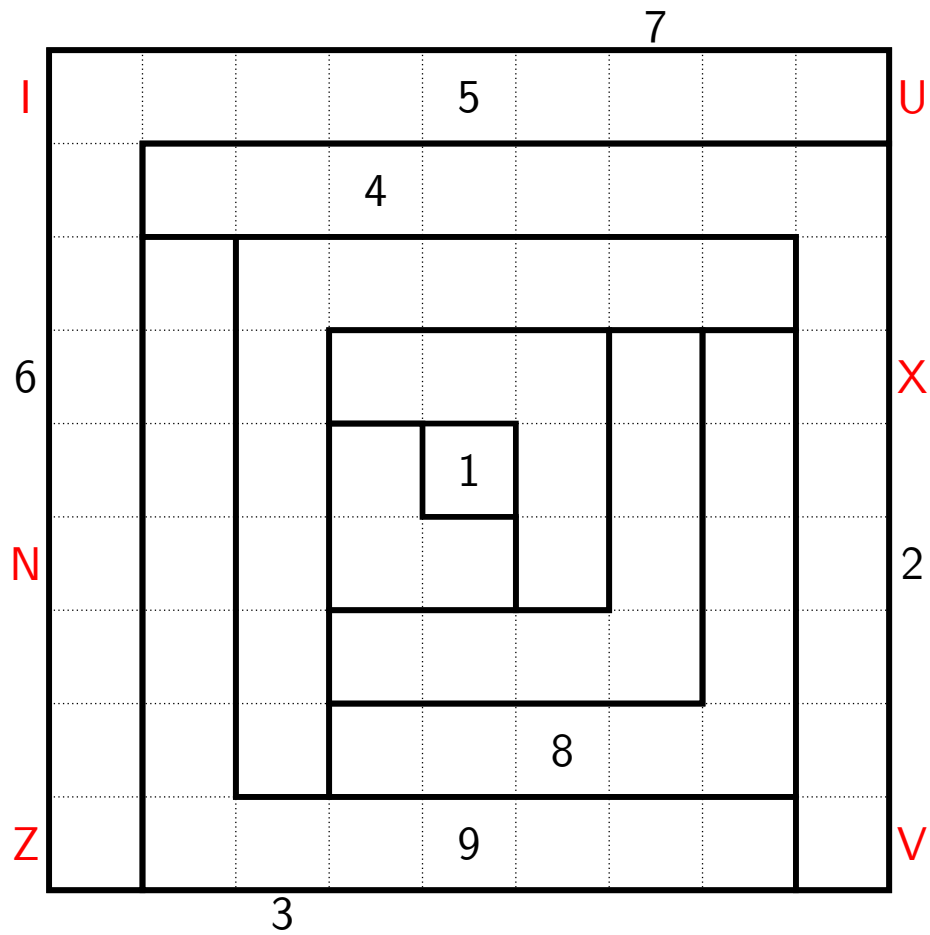
digit(s) 7 cannot be assigned to any hook





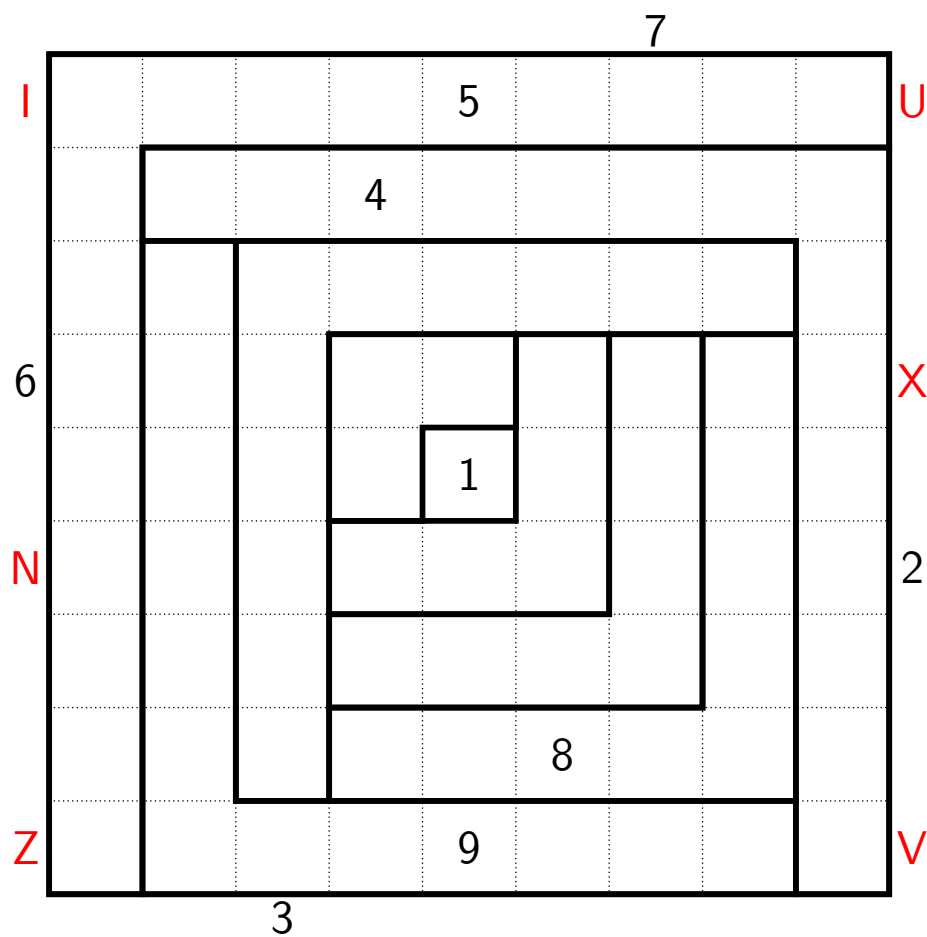
{1:1, 2:[2, 3], 3:6, 4:8, 5:9, 6:4, 7:[], 8:5, 9:7}

digit(s) 7 cannot be assigned to any hook



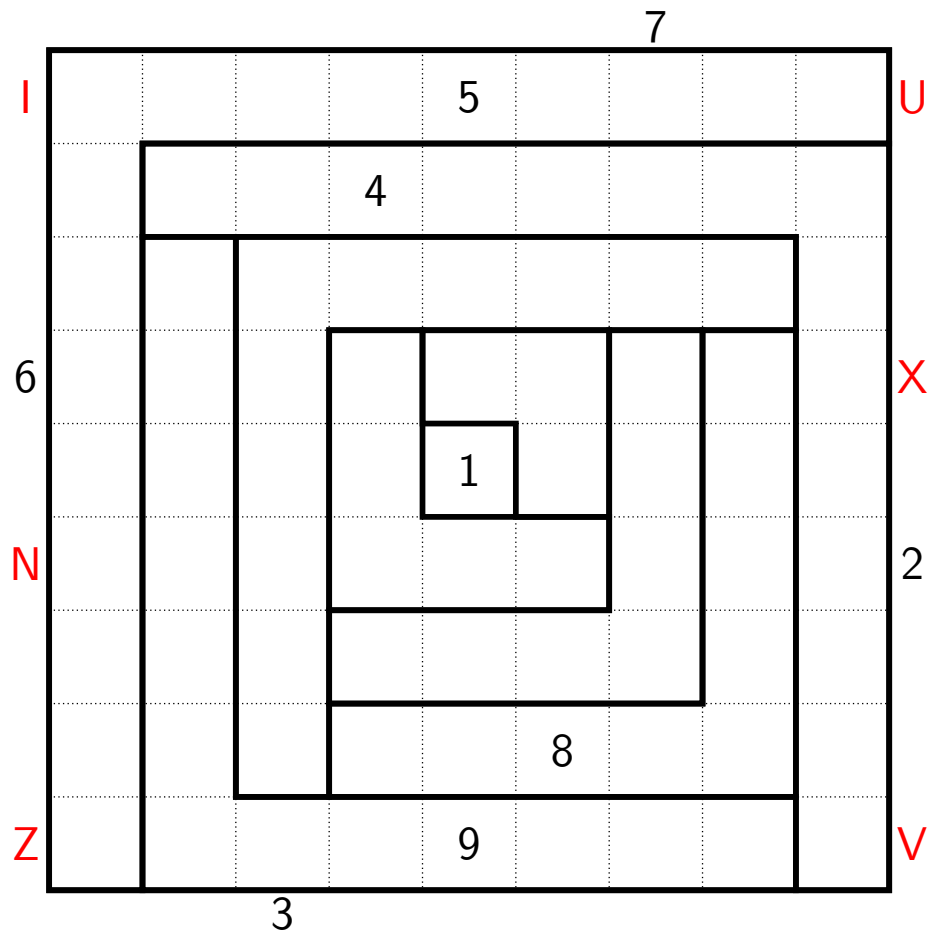
{1:1, 2:[2, 3], 3:6, 4:8, 5:9, 6:4, 7:[], 8:5, 9:7}

digit(s) 7 cannot be assigned to any hook



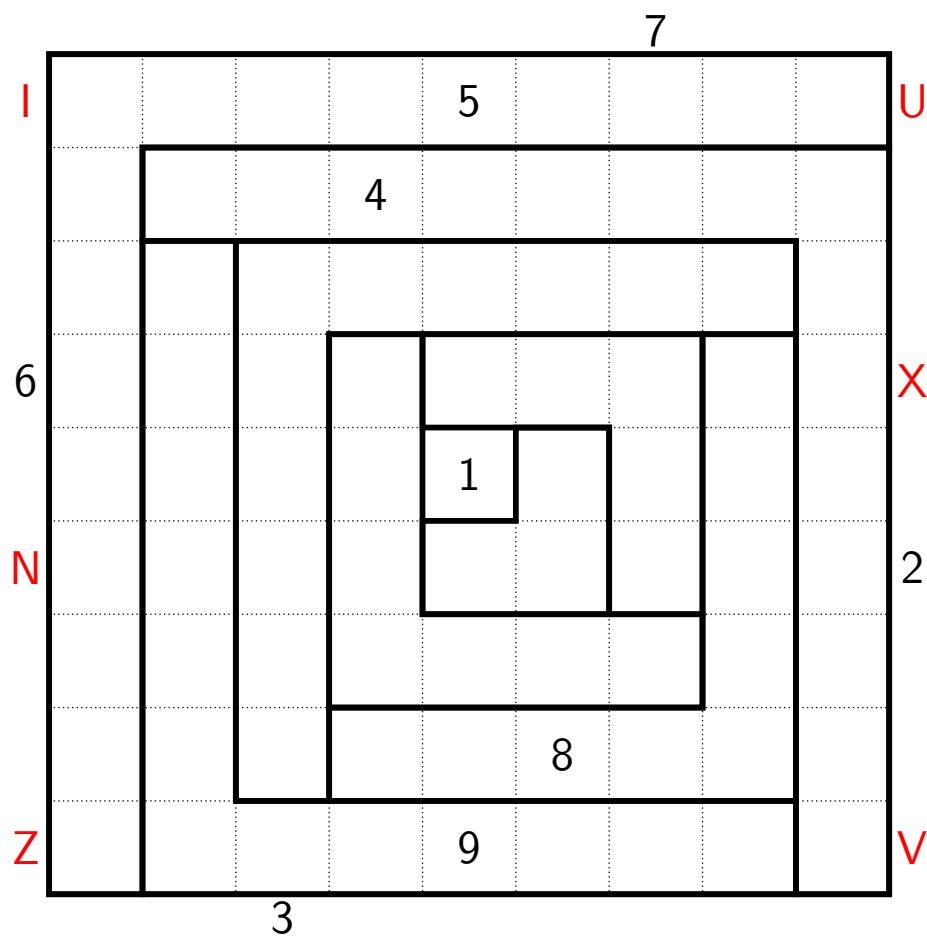
{1:1, 2:3, 3:6, 4:8, 5:9, 6:4, 7:[], 8:5, 9:7}

digit(s) 7 cannot be assigned to any hook



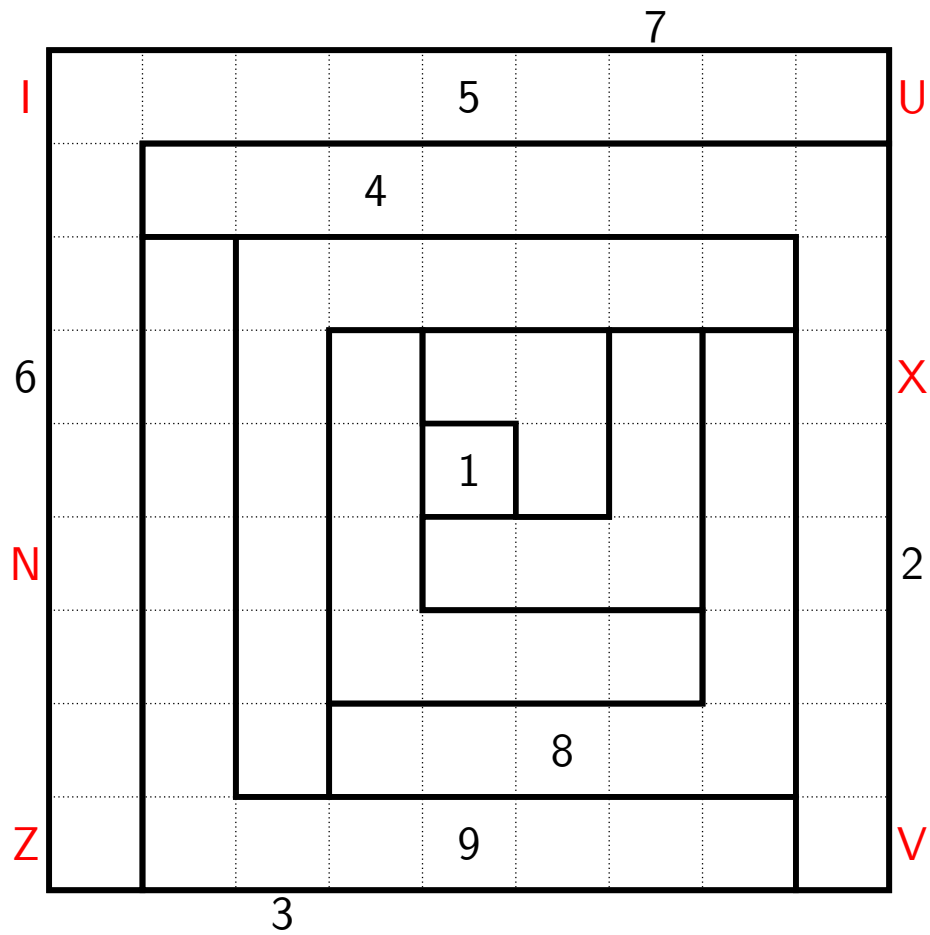
{1:1, 2:3, 3:6, 4:8, 5:9, 6:4, 7:[], 8:5, 9:7}

digit(s) 7 cannot be assigned to any hook



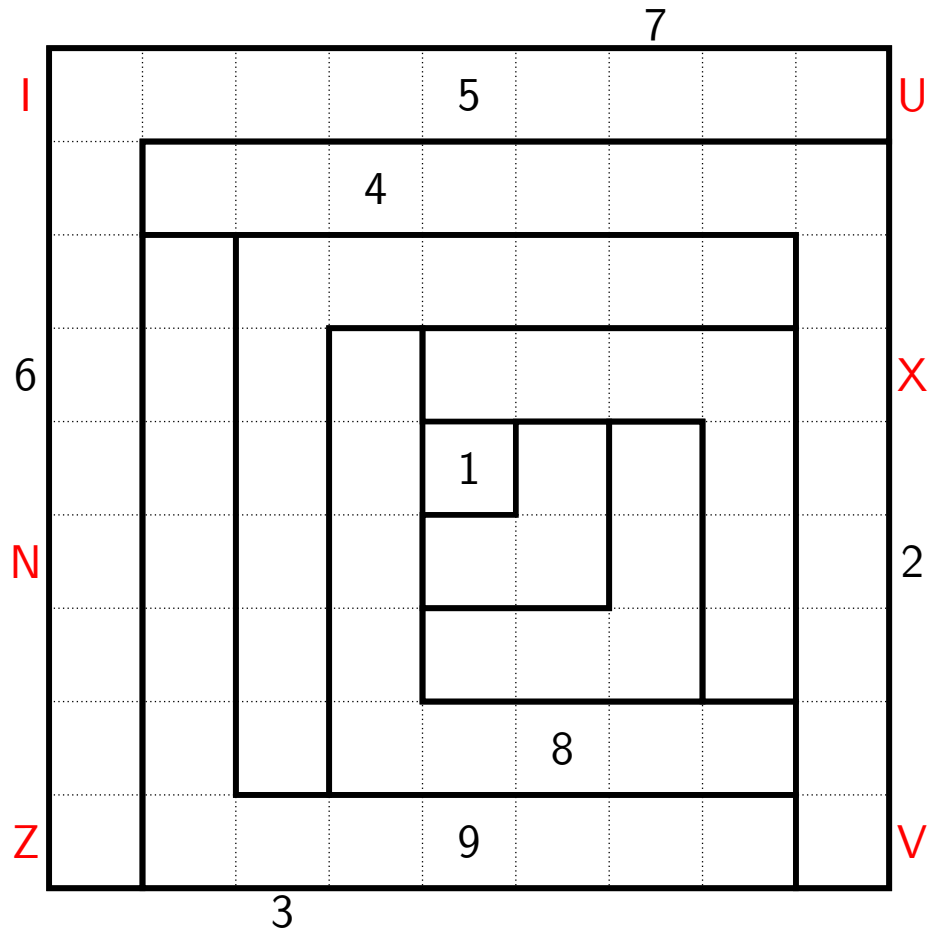
{1:1, 2:[2, 3], 3:6, 4:8, 5:9, 6:4, 7:[], 8:5, 9:7}

digit(s) 7 cannot be assigned to any hook



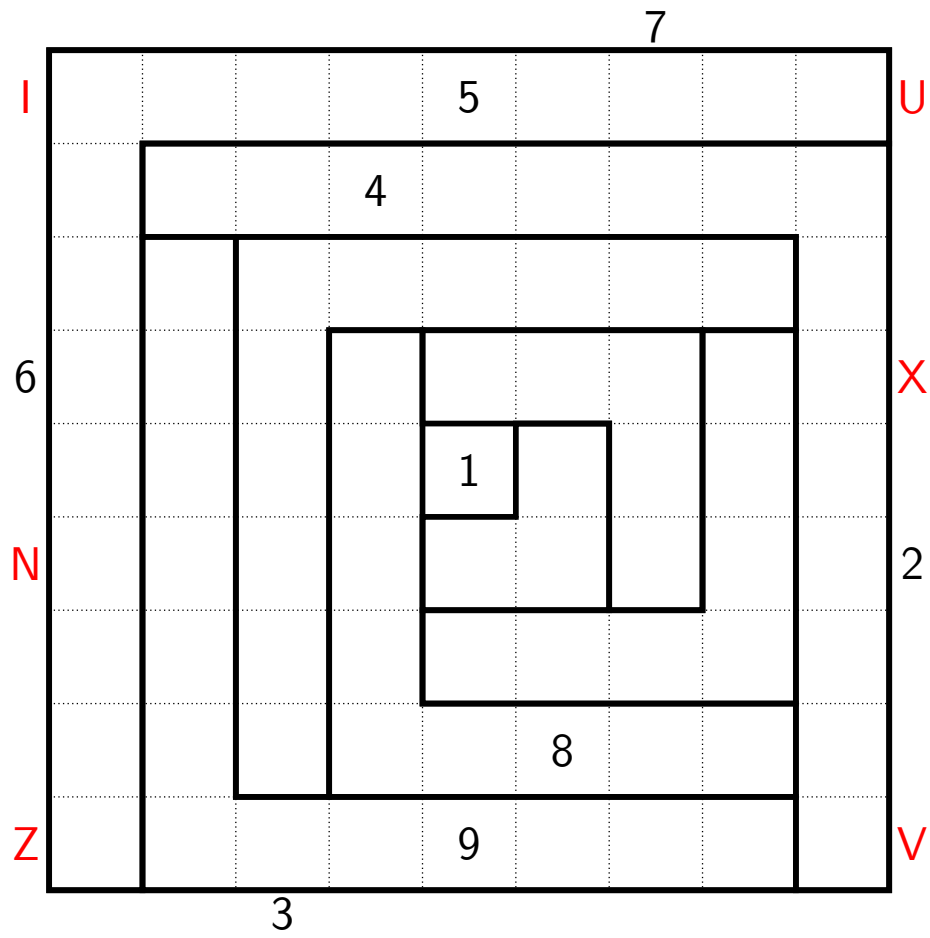
{1:1, 2:3, 3:6, 4:8, 5:9, 6:4, 7:[], 8:5, 9:7}

digit(s) 7 cannot be assigned to any hook



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{1:1, 2:[2, 3], 3:6, 4:8, 5:9, 6:4, 7:[], 8:5, 9:7}
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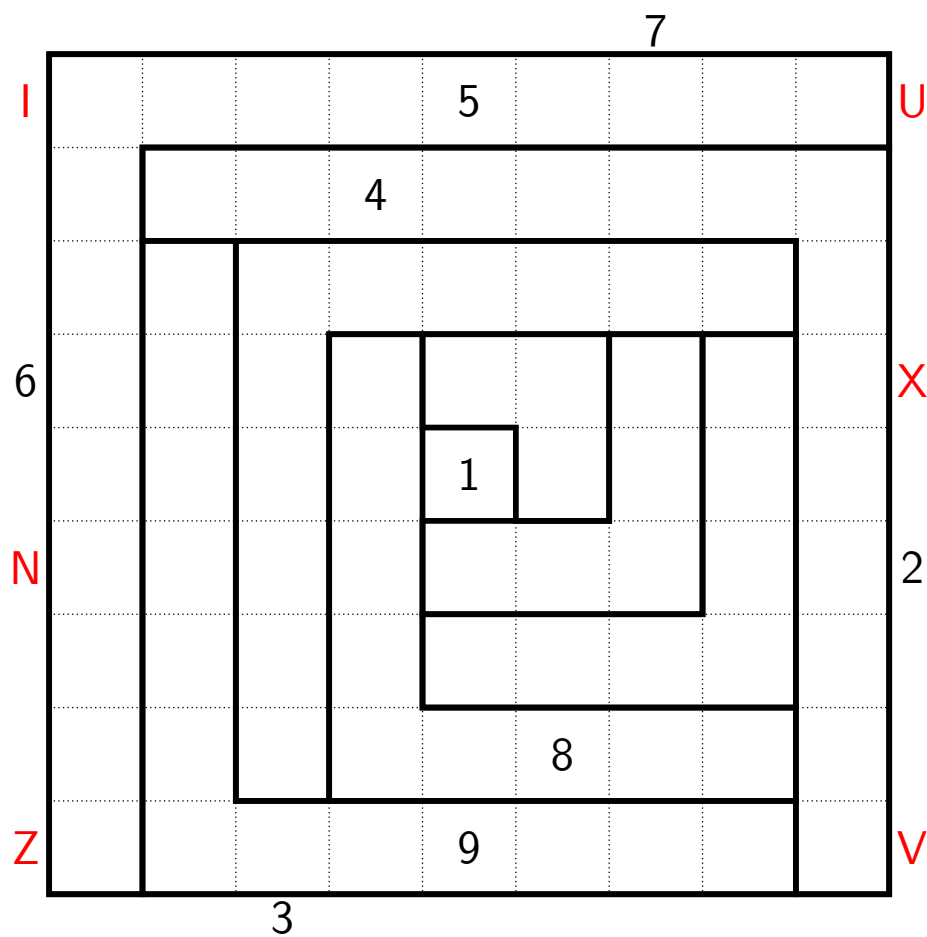
digit(s) 7 cannot be assigned to any hook



{1:1, 2:[2, 3], 3:6, 4:8, 5:9, 6:4, 7:[], 8:5, 9:7}

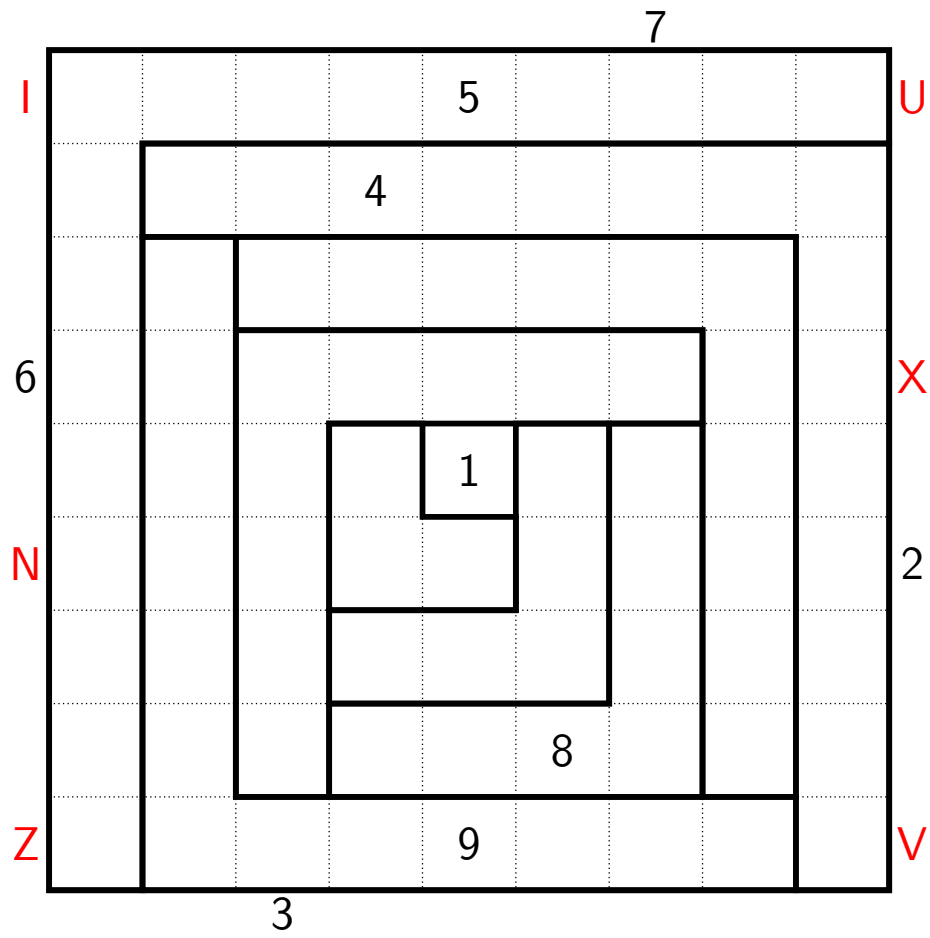
digit(s) 7 cannot be assigned to any hook





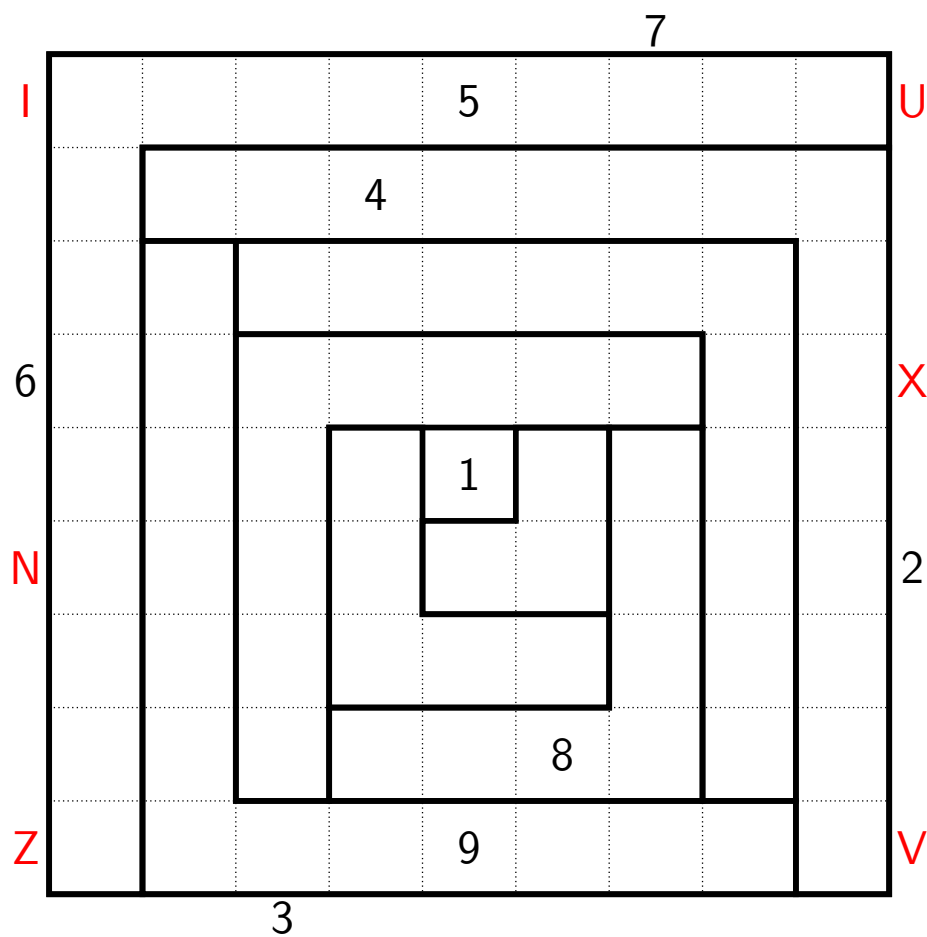
{1:1, 2:3, 3:6, 4:8, 5:9, 6:4, 7:[], 8:5, 9:7}

digit(s) 7 cannot be assigned to any hook



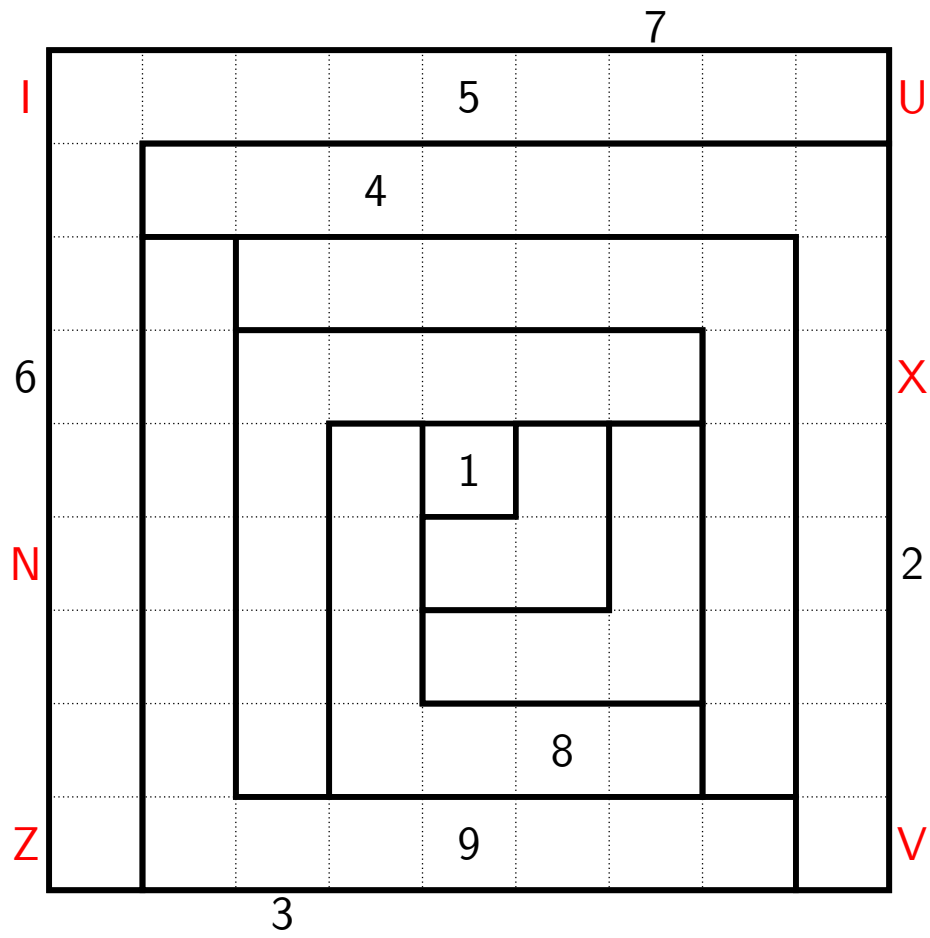
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:7}

hook 4 is too small for digit 8



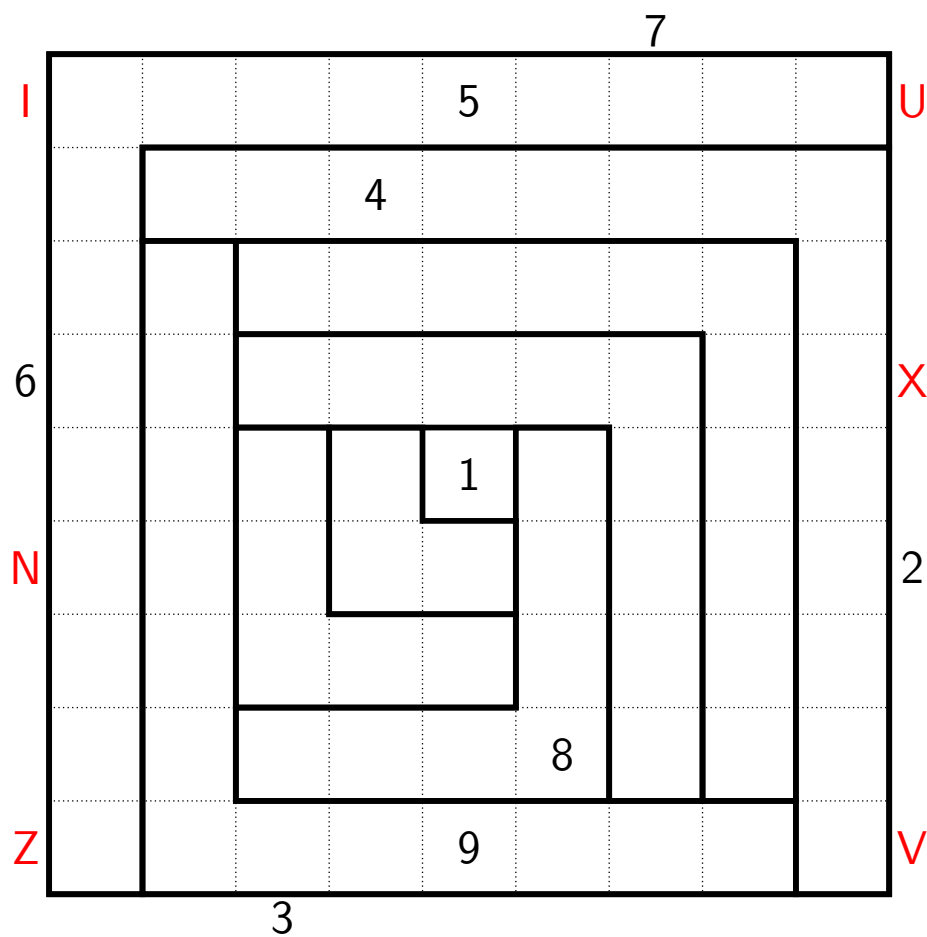
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:7}

hook 4 is too small for digit 8



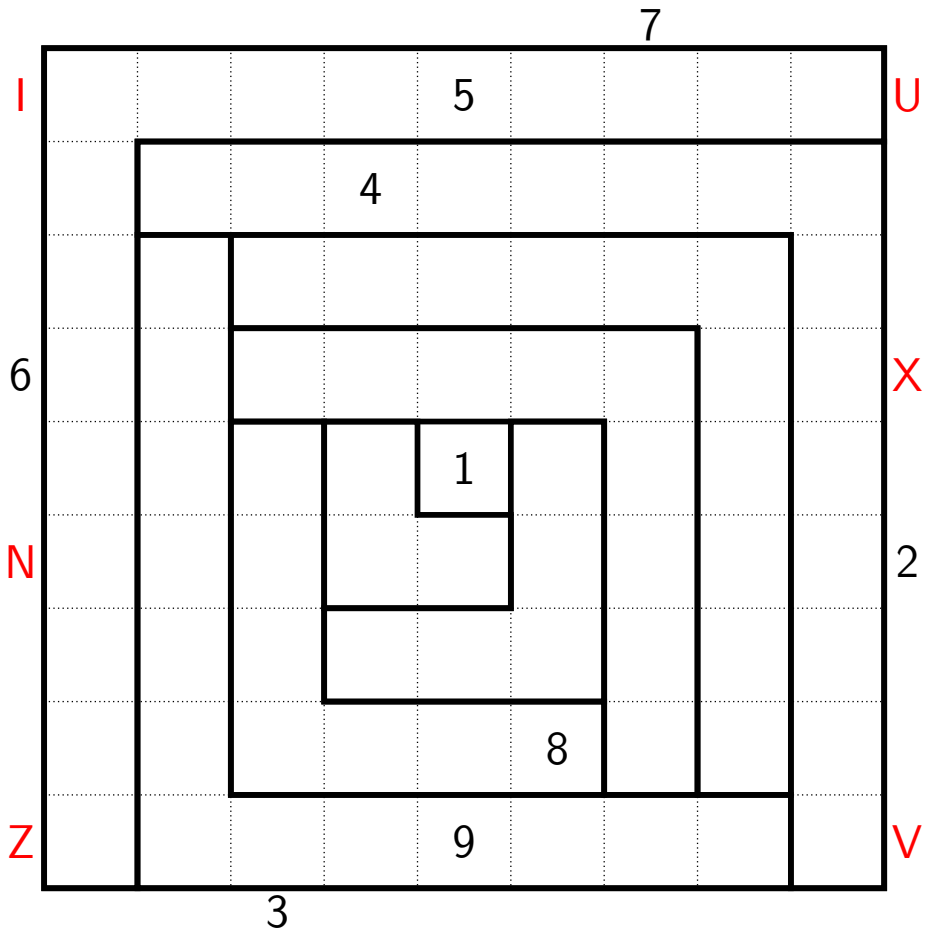
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:7}

hook 4 is too small for digit 8

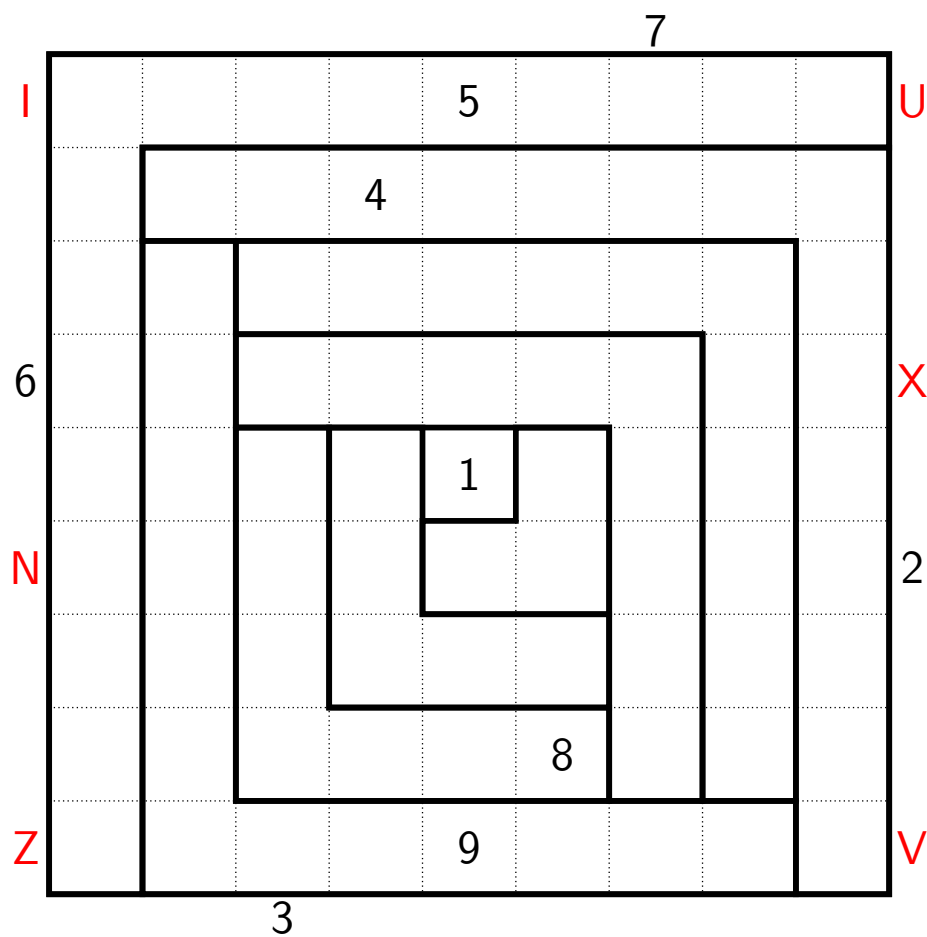


{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:7}

hook 4 is too small for digit 8

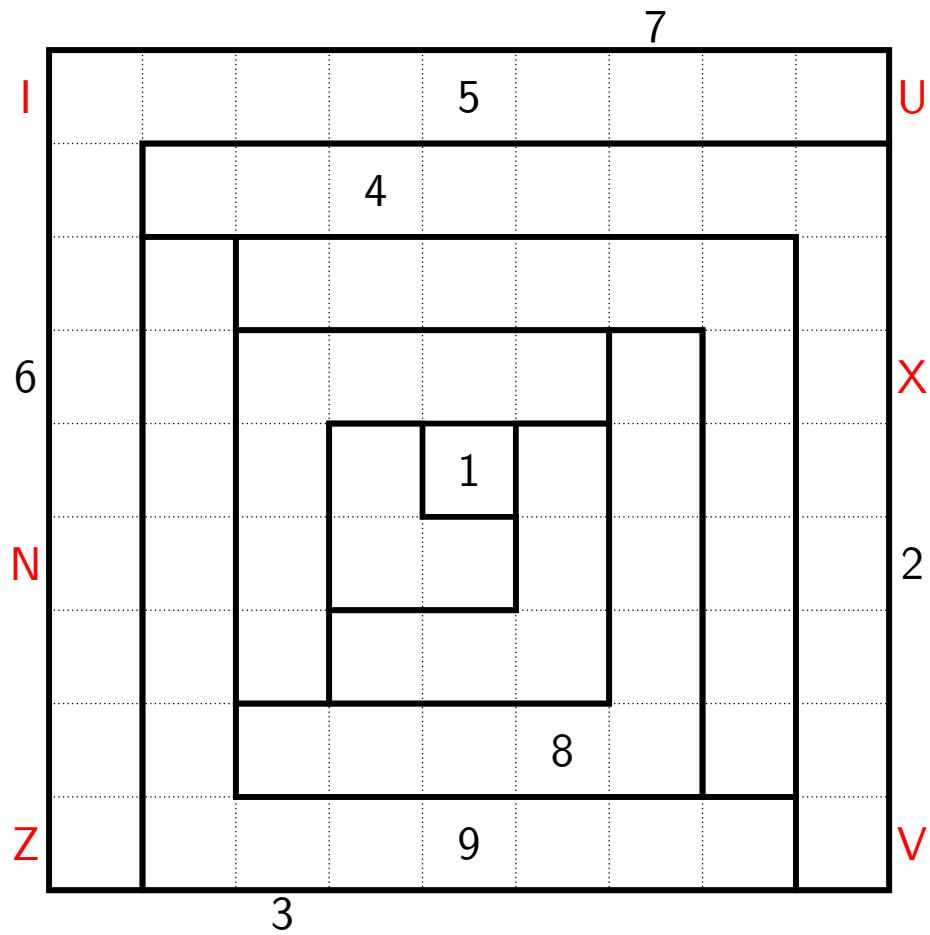

$$\{1:1, 2:\square, 3:\square, 4:\square, 5:\square, 6:\square, 7:\square, 8:\square, 9:7\}$$

```
hook 4 is too small for digit 8
```



{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:7}

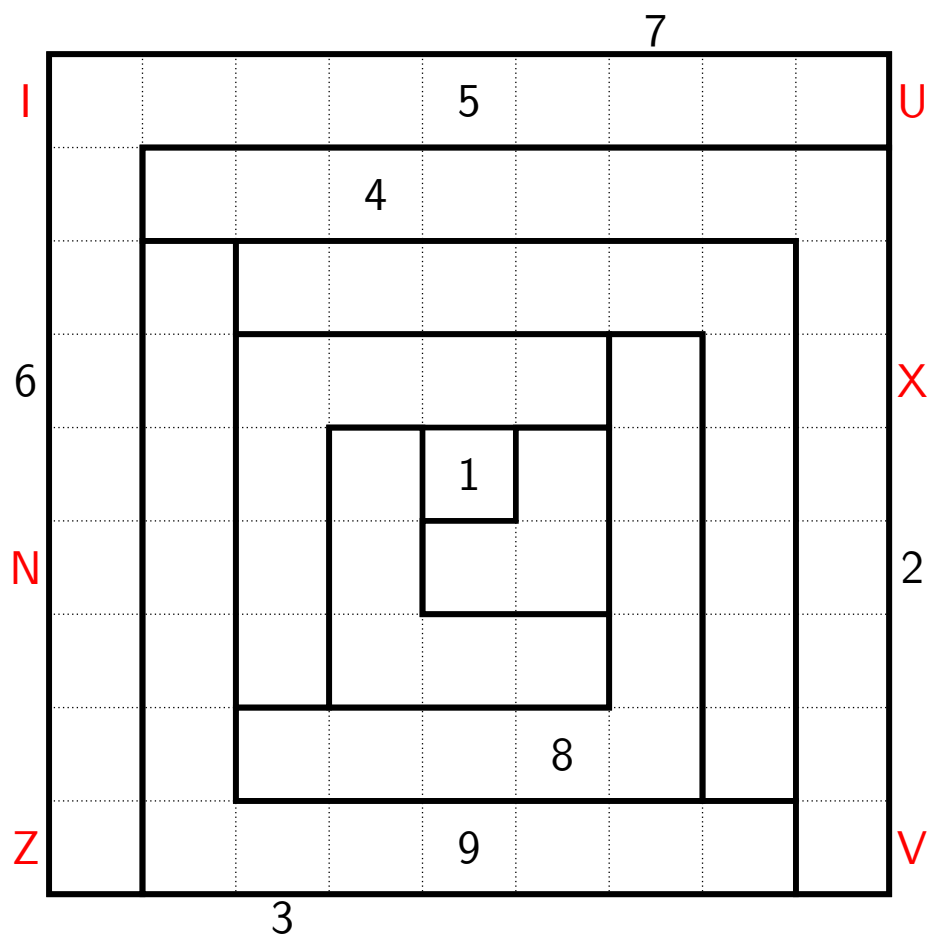
hook 4 is too small for digit 8



{1:1, 2:[2, 3], 3:4, 4:8, 5:9, 6:4, 7:6, 8:5, 9:7}

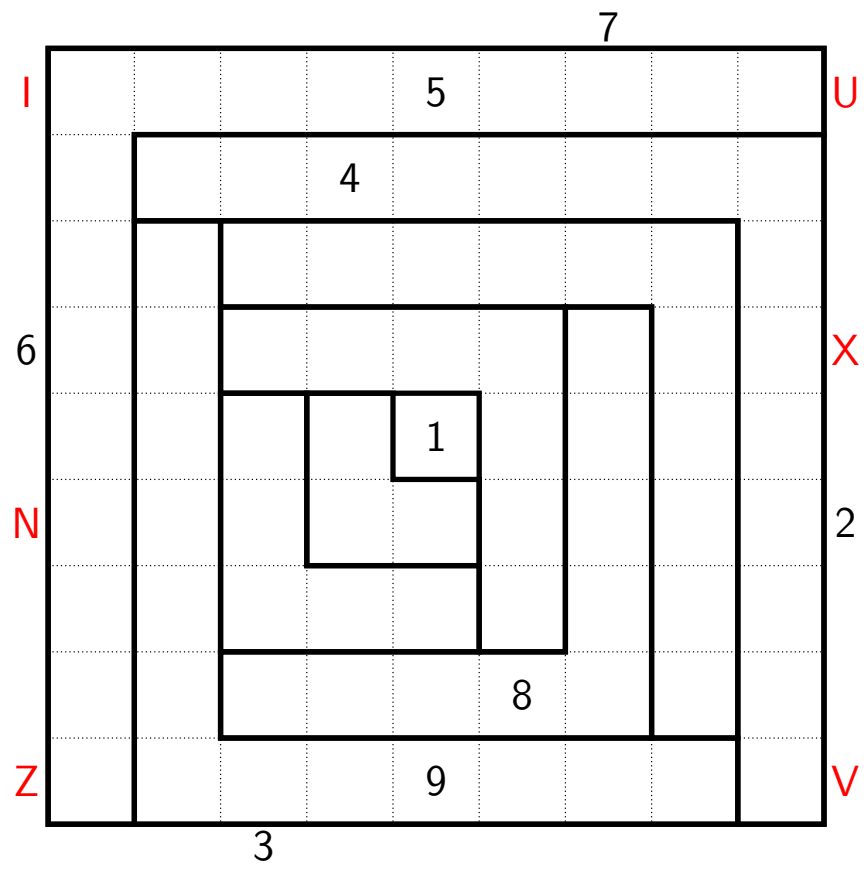
digits 3,6 are fighting over hook 4



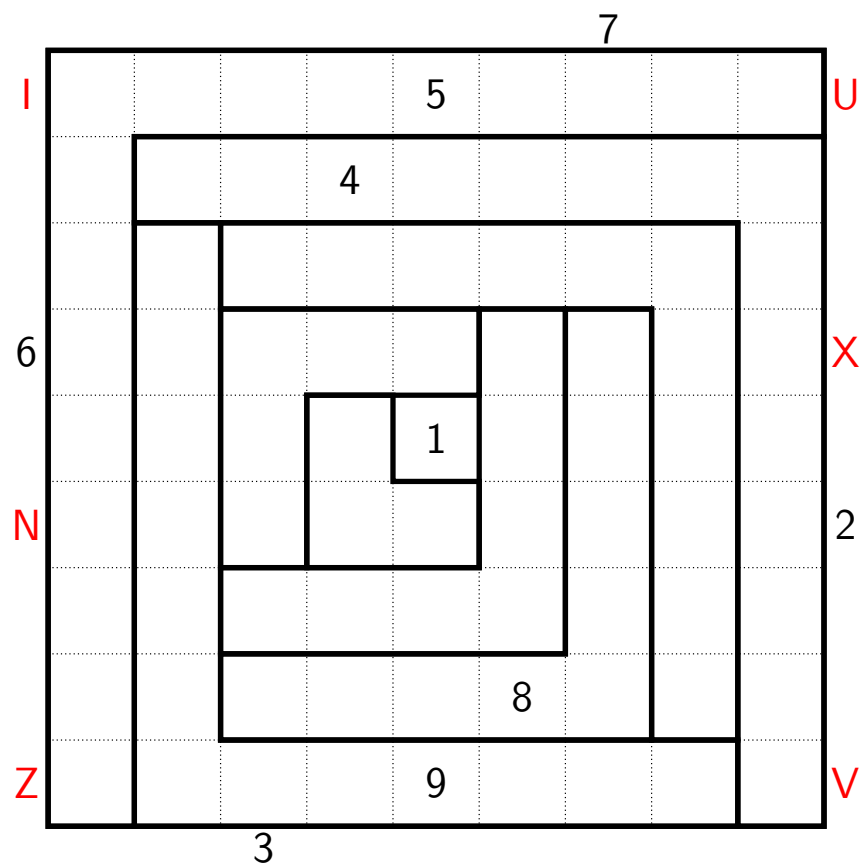


{1:1, 2:[2, 3], 3:4, 4:8, 5:9, 6:4, 7:6, 8:5, 9:7}

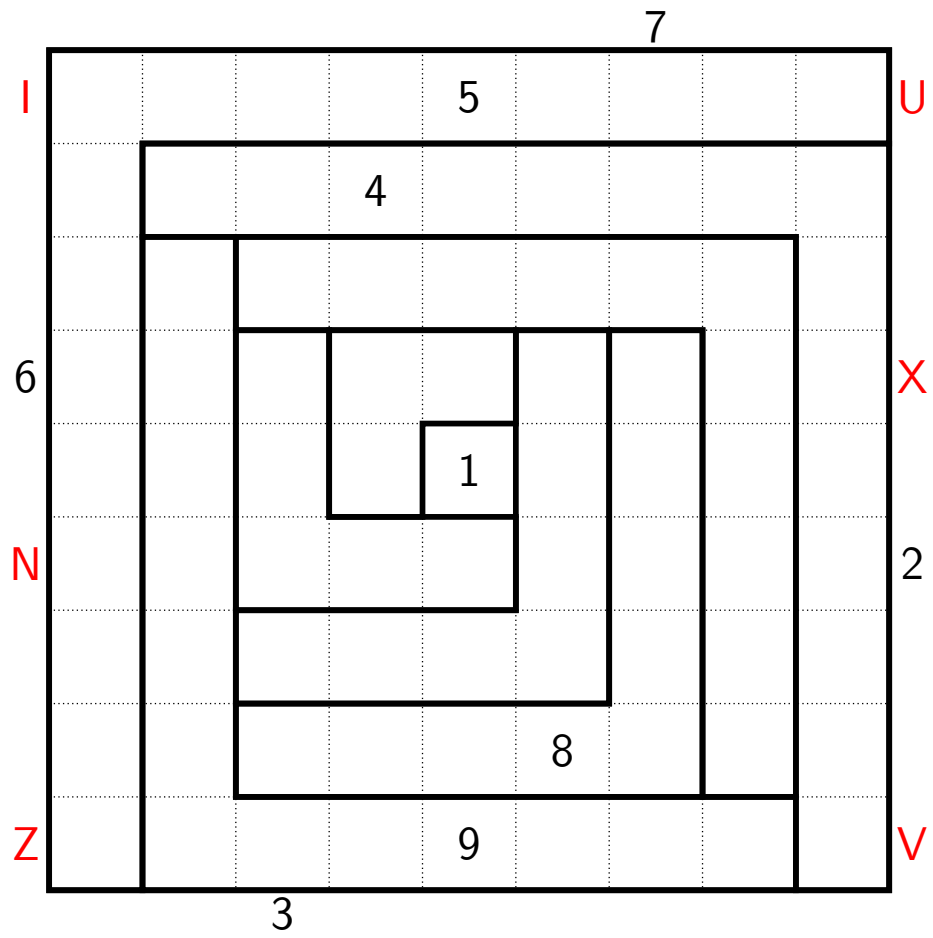
digits 3,6 are fighting over hook 4



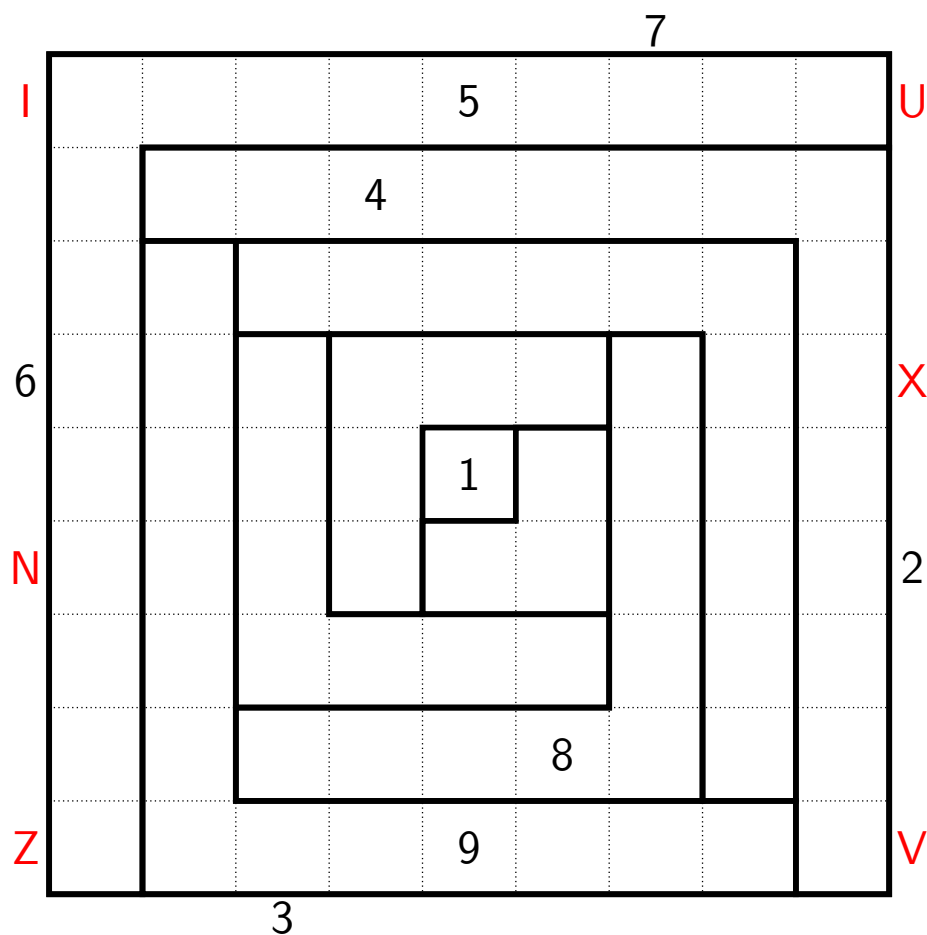
—1 : 1, 2 : 2, 3 : 3, 4 : 8, 5 : 9, 6 : 4, 7 : 6, 8 : 5, 9 : 7''



—1 : 1, 2 : 2, 3 : 3, 4 : 8, 5 : 9, 6 : 4, 7 : 6, 8 : 5, 9 : 7''

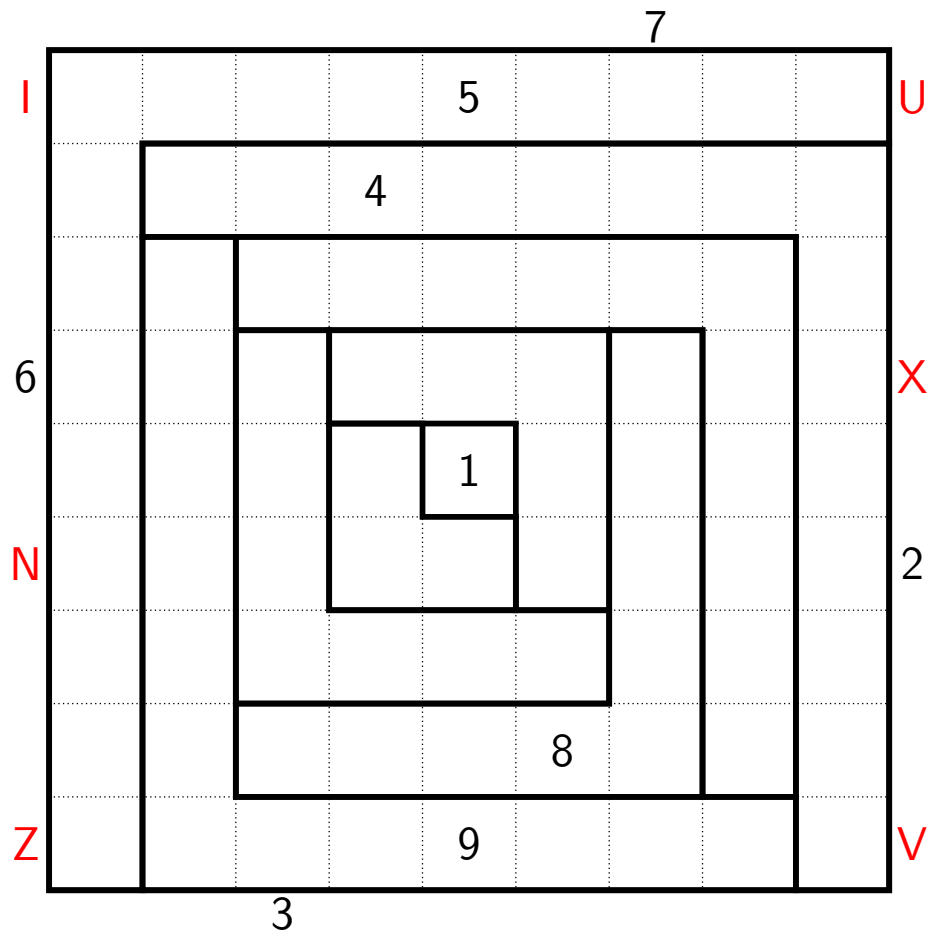

$$\{1:1, 2:3, 3:3, 4:8, 5:9, 6:4, 7:6, 8:5, 9:7\}$$

digits 2,3 are fighting over hook 3



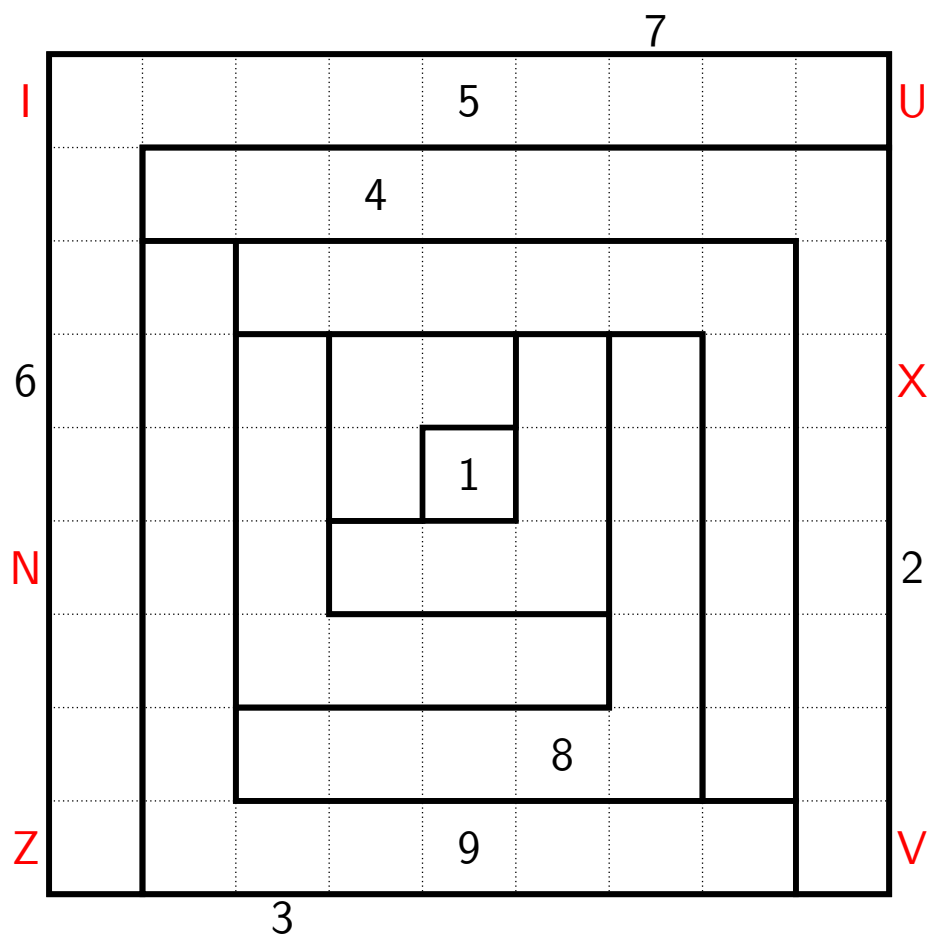
{1:1, 2:[2, 3], 3:4, 4:8, 5:9, 6:4, 7:6, 8:5, 9:7}

digits 3,6 are fighting over hook 4



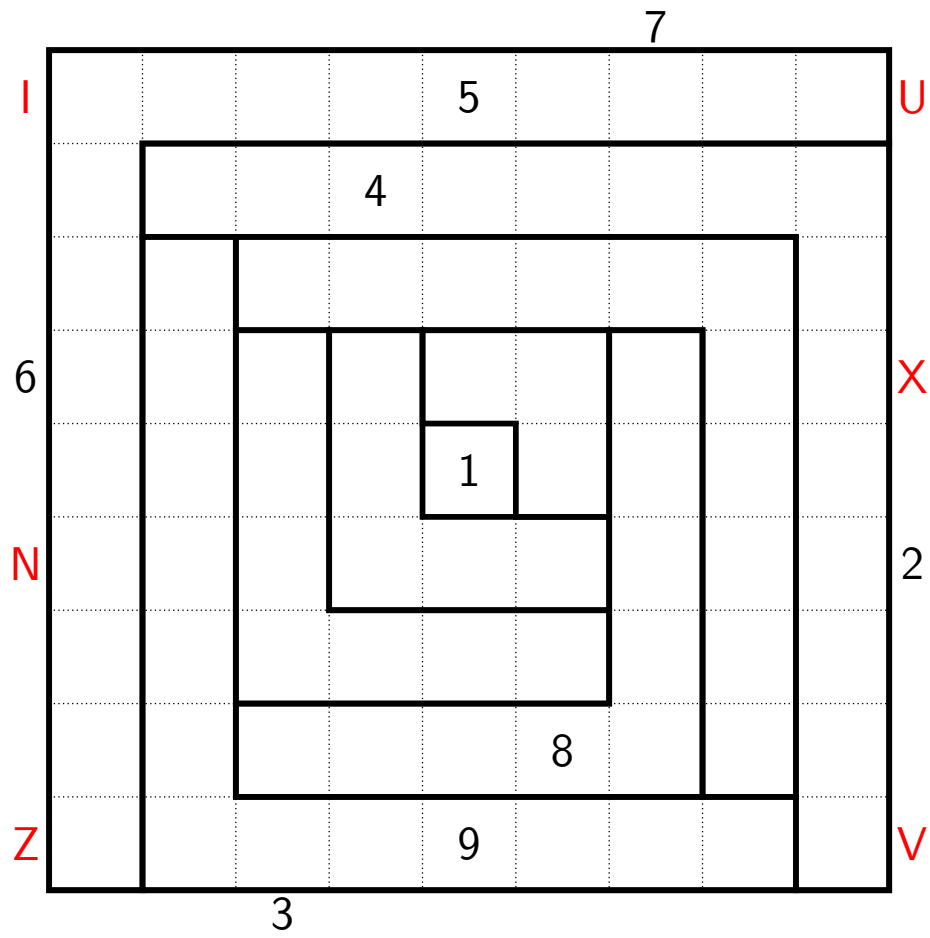
{1:1, 2:[2, 3], 3:4, 4:8, 5:9, 6:4, 7:6, 8:5, 9:7}

digits 3,6 are fighting over hook 4



{1:1, 2:3, 3:4, 4:8, 5:9, 6:4, 7:6, 8:5, 9:7}

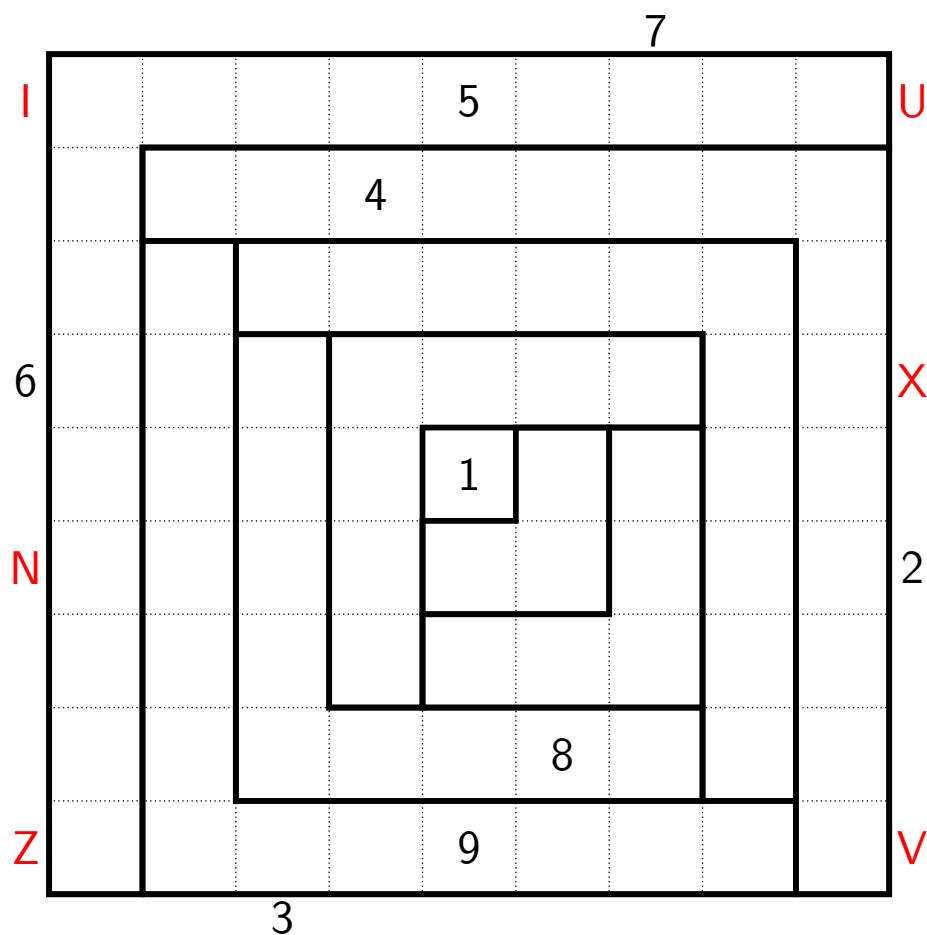
digits 3,6 are fighting over hook 4



{1:1, 2:3, 3:4, 4:8, 5:9, 6:4, 7:6, 8:5, 9:7}

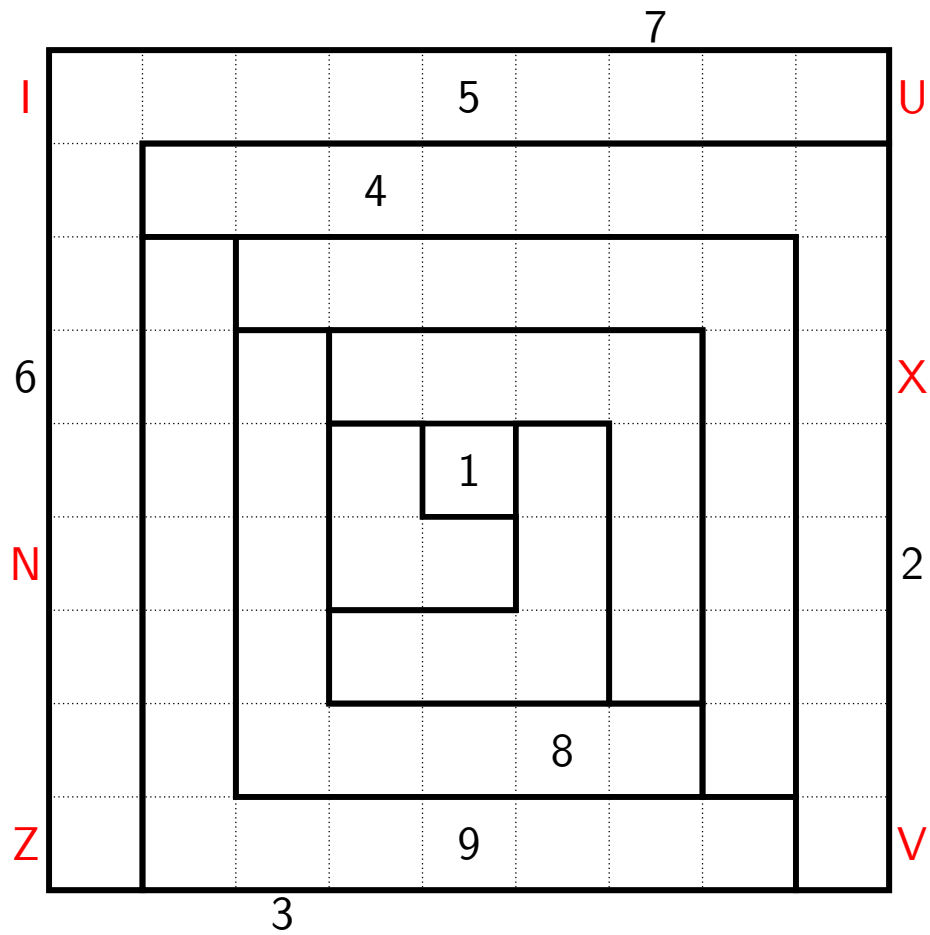
digits 3,6 are fighting over hook 4





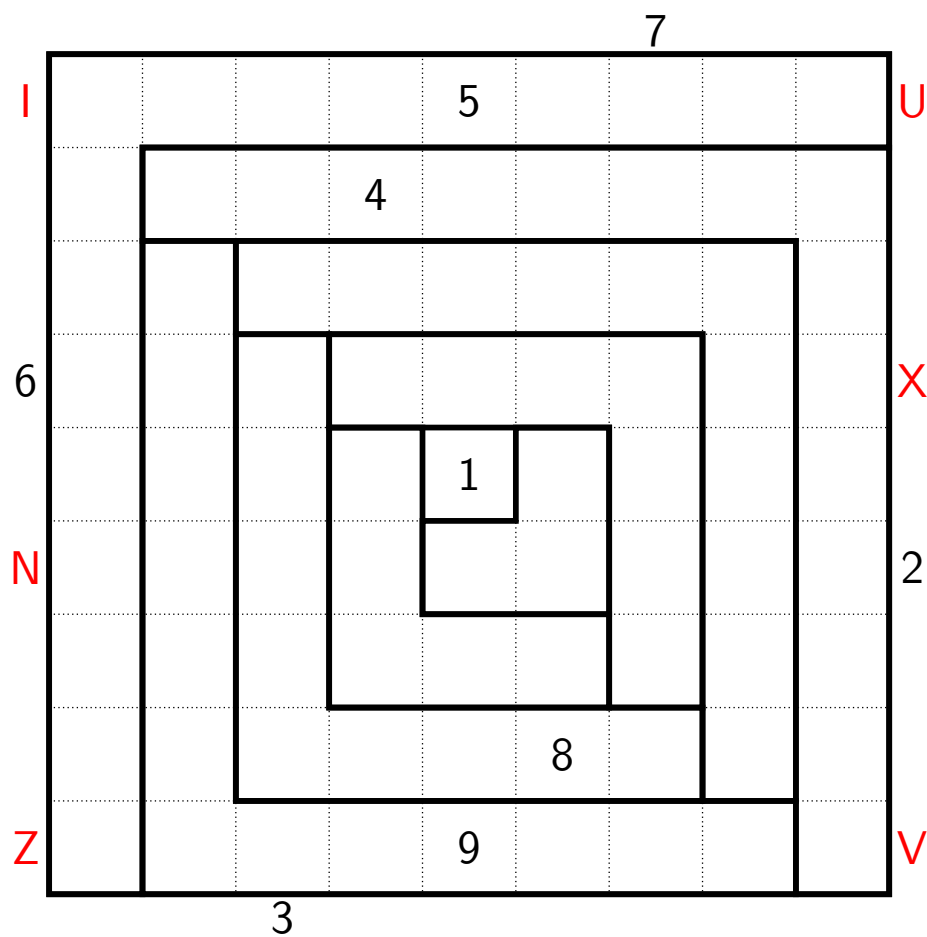
{1:1, 2:[2, 3], 3:6, 4:8, 5:9, 6:4, 7:[], 8:5, 9:7}

digit(s) 7 cannot be assigned to any hook



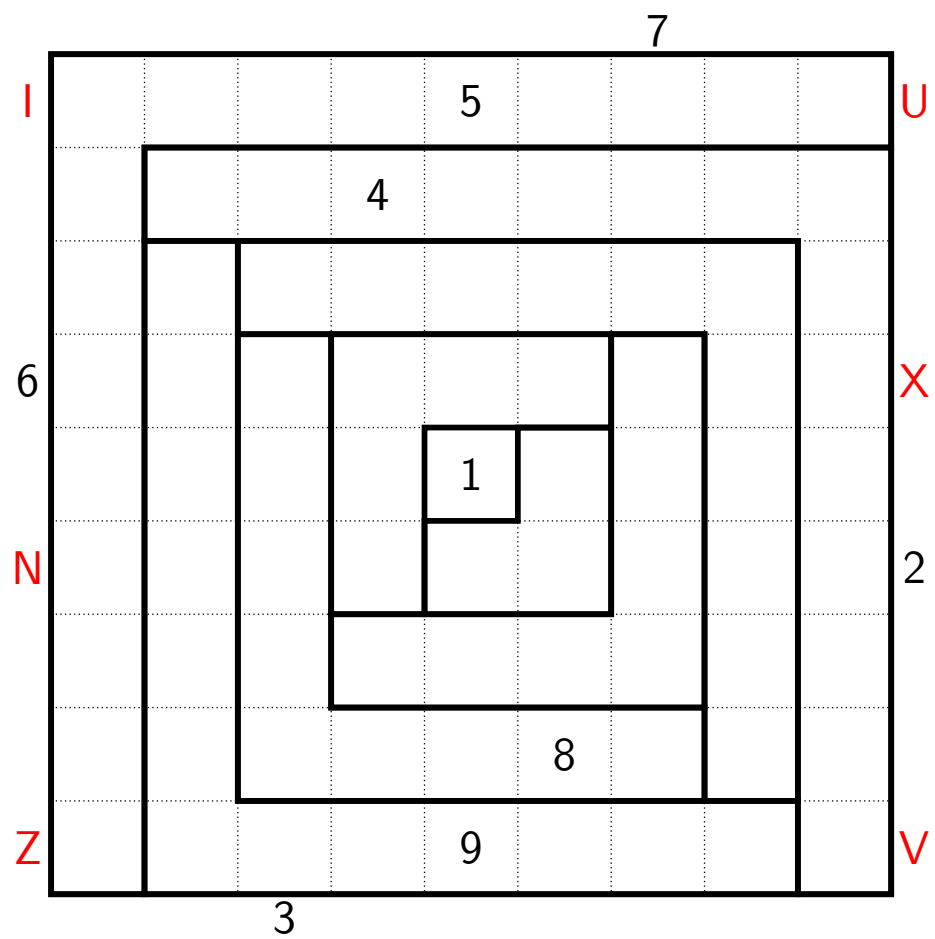
{1:1, 2:[2, 3], 3:6, 4:8, 5:9, 6:4, 7:[], 8:5, 9:7}

digit(s) 7 cannot be assigned to any hook



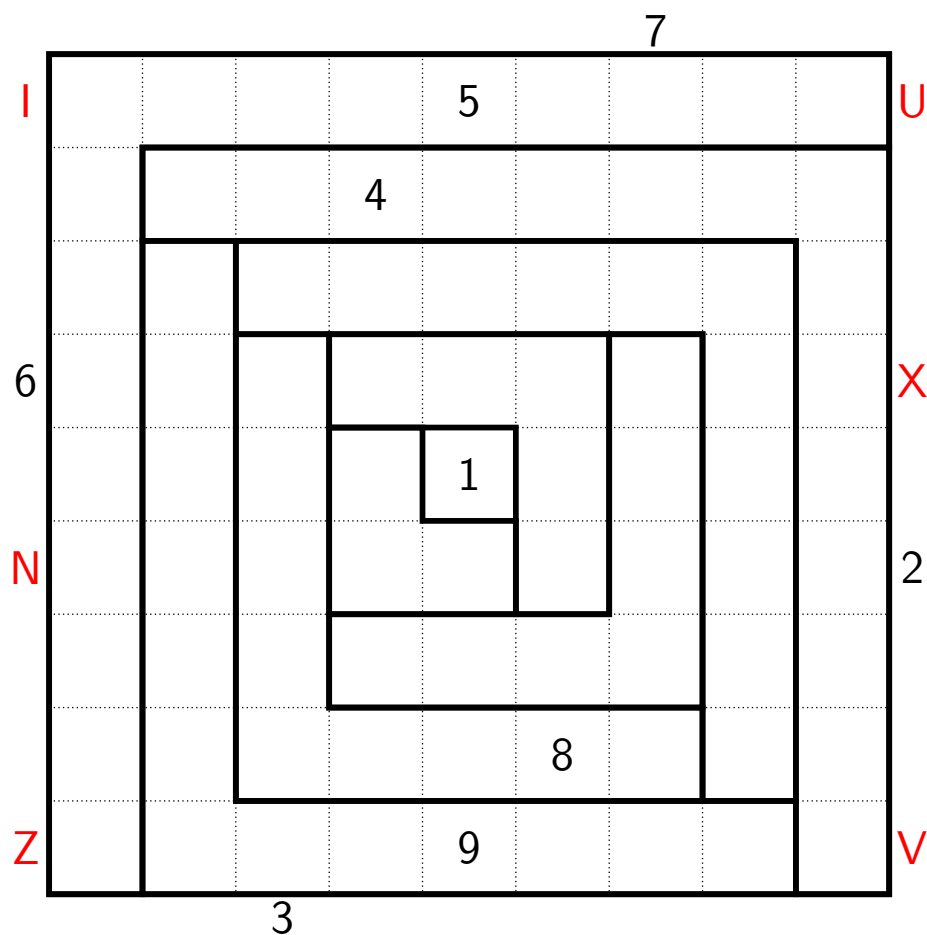
{1:1, 2:[2, 3], 3:6, 4:8, 5:9, 6:4, 7:[], 8:5, 9:7}

digit(s) 7 cannot be assigned to any hook



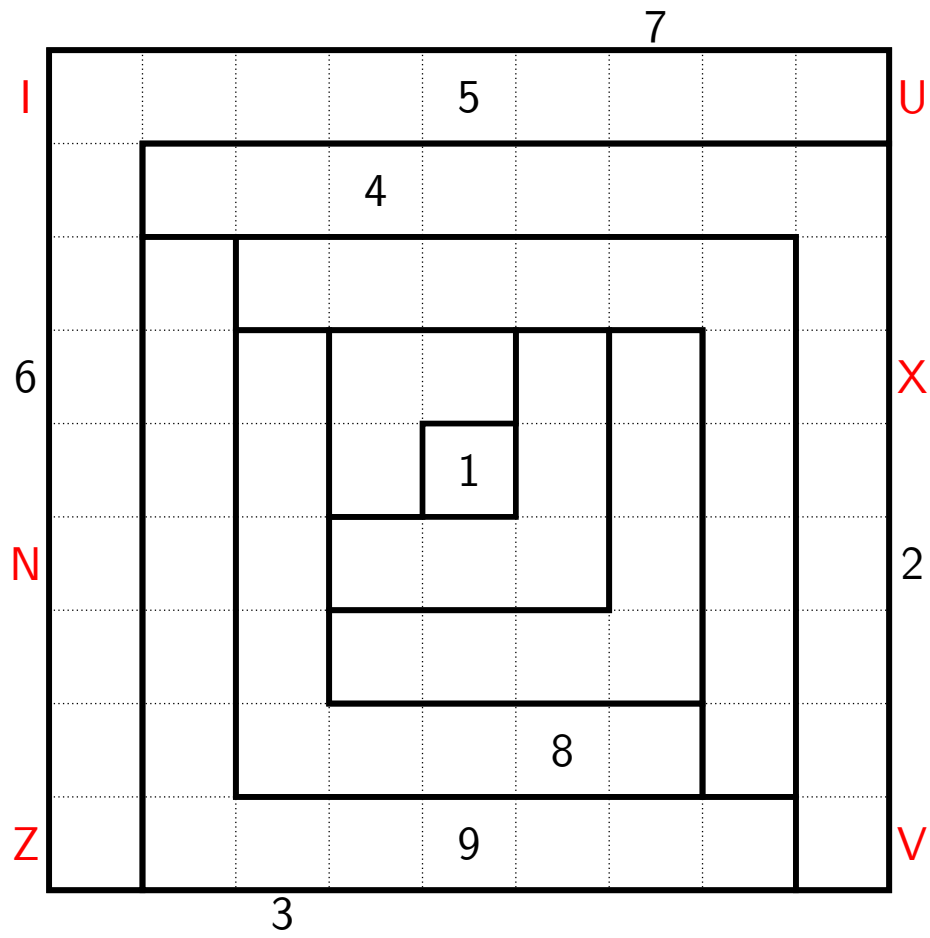
{1:1, 2:[2, 3], 3:6, 4:8, 5:9, 6:4, 7:[], 8:5, 9:7}

digit(s) 7 cannot be assigned to any hook



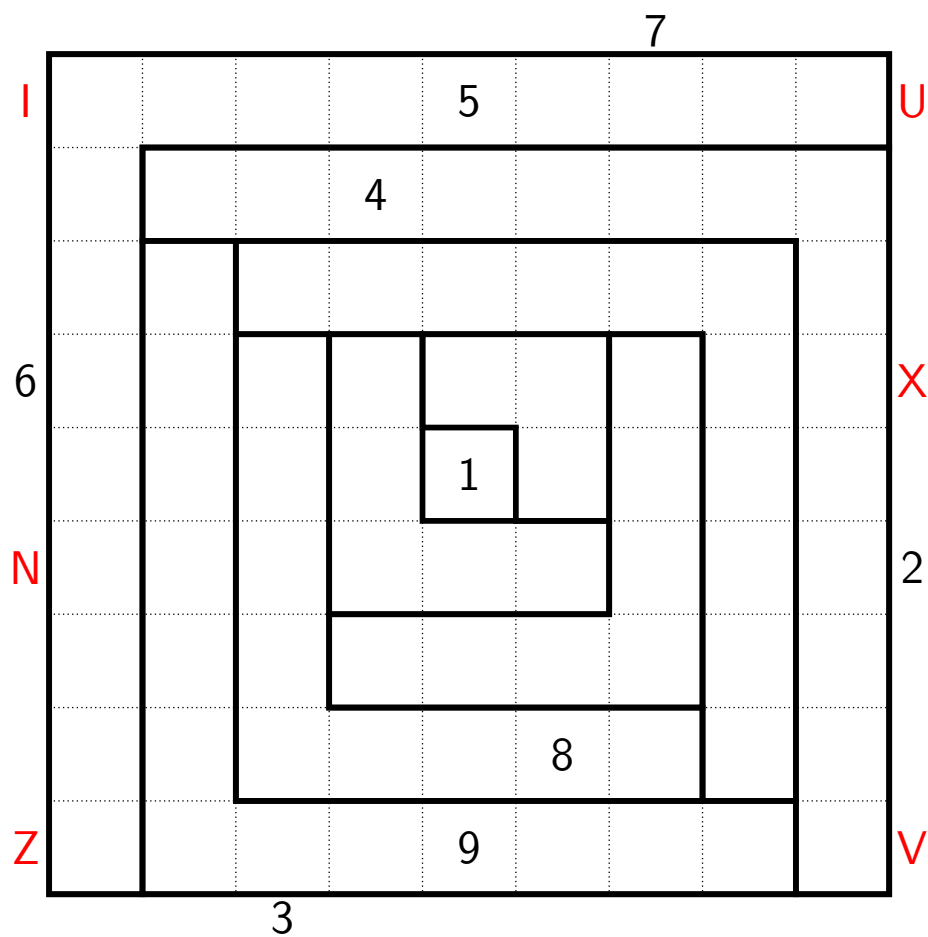
{1:1, 2:[2, 3], 3:6, 4:8, 5:9, 6:4, 7:[], 8:5, 9:7}

digit(s) 7 cannot be assigned to any hook



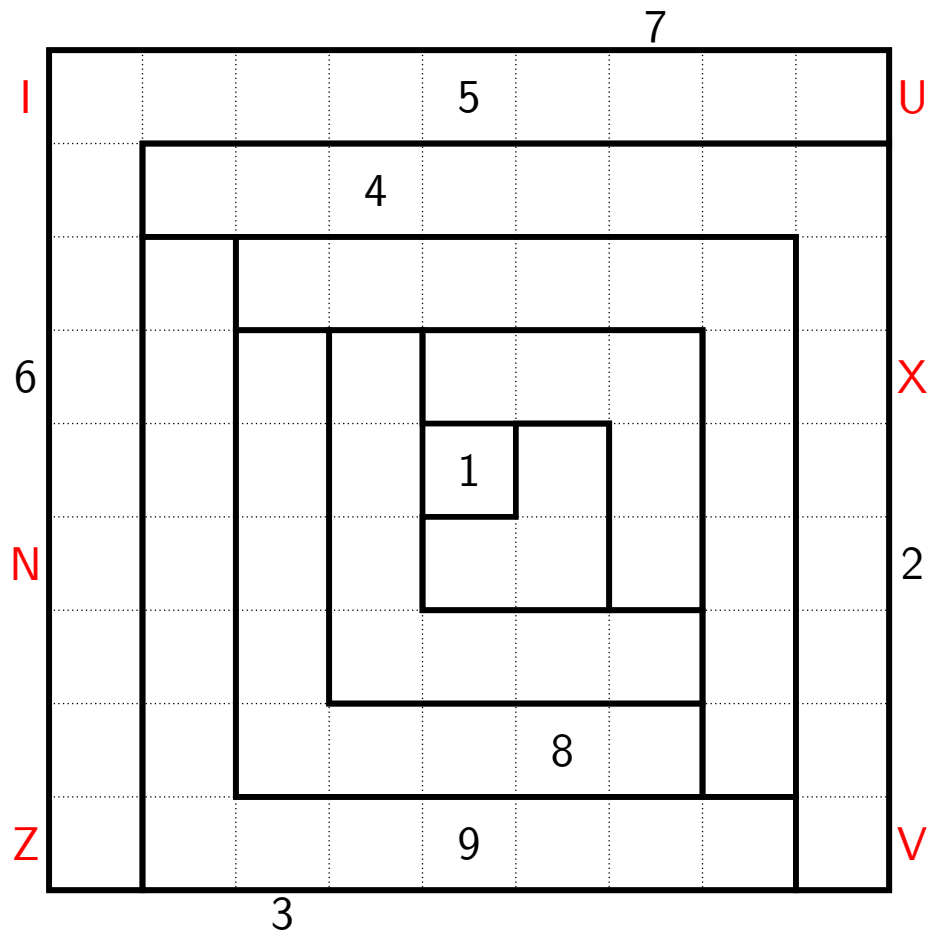
{1:1, 2:3, 3:6, 4:8, 5:9, 6:4, 7:[], 8:5, 9:7}

digit(s) 7 cannot be assigned to any hook



{1:1, 2:3, 3:6, 4:8, 5:9, 6:4, 7:[], 8:5, 9:7}

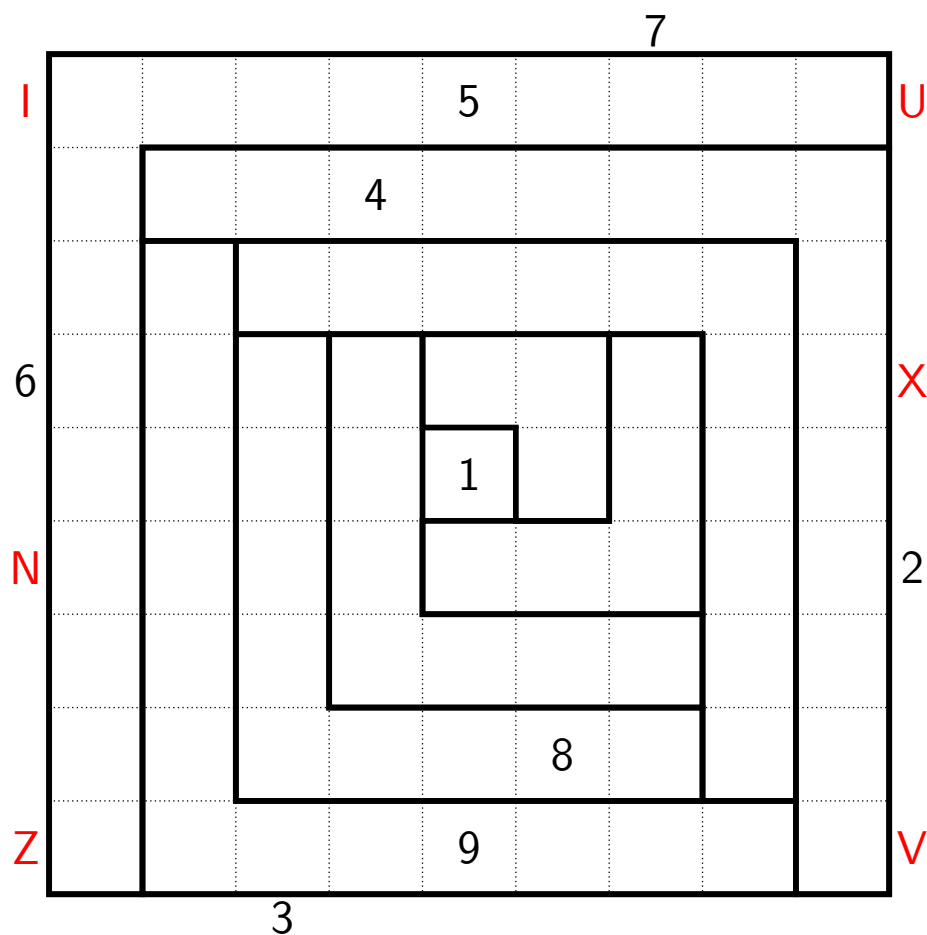
digit(s) 7 cannot be assigned to any hook



{1:1, 2:[2, 3], 3:6, 4:8, 5:9, 6:4, 7:[], 8:5, 9:7}

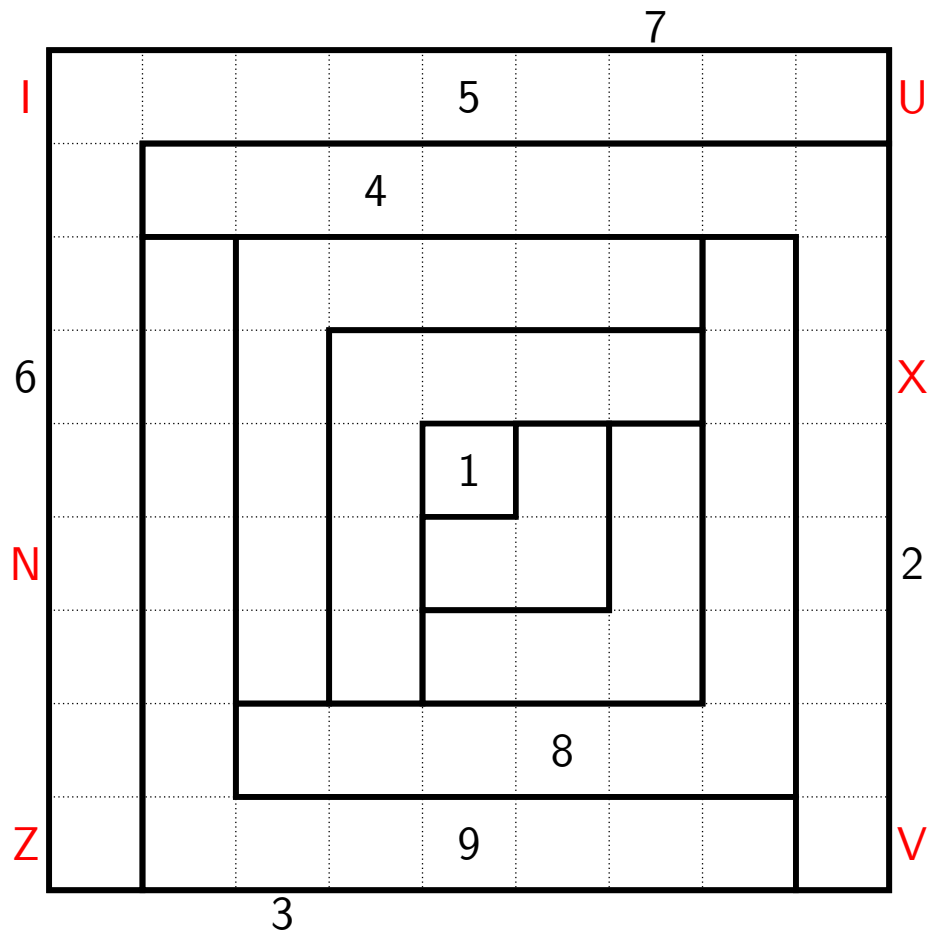
digit(s) 7 cannot be assigned to any hook





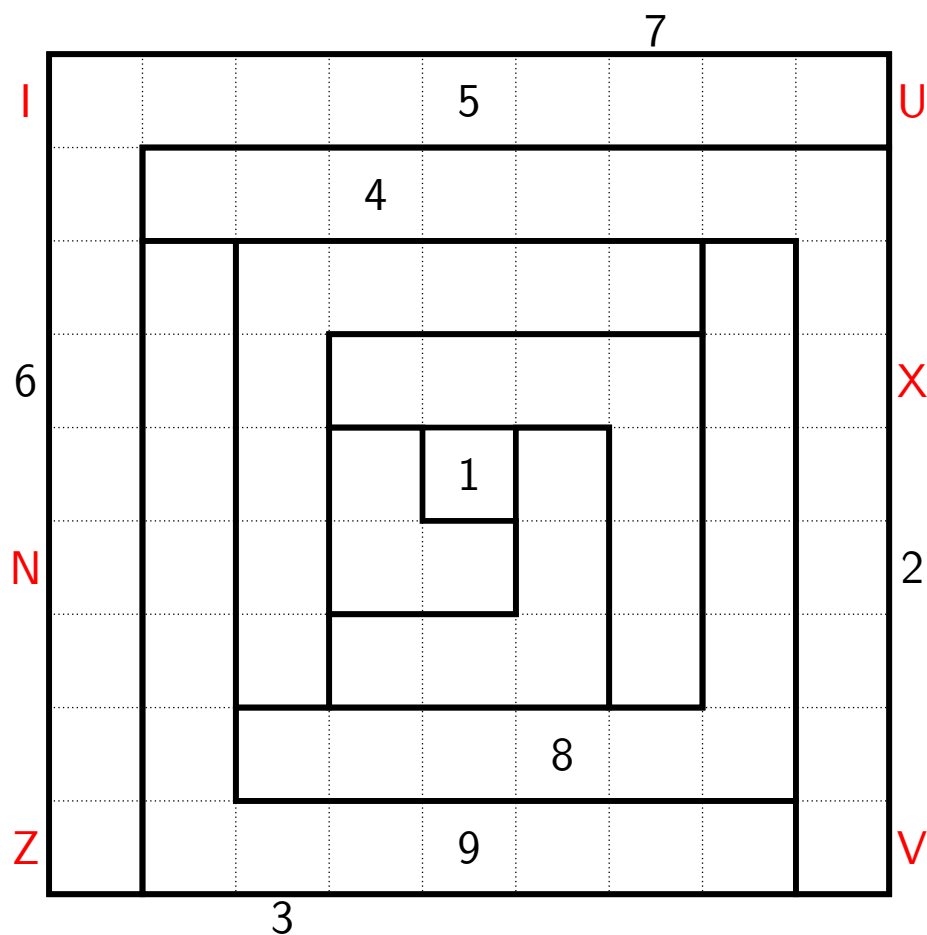
{1:1, 2:3, 3:6, 4:8, 5:9, 6:4, 7:[], 8:5, 9:7}

digit(s) 7 cannot be assigned to any hook



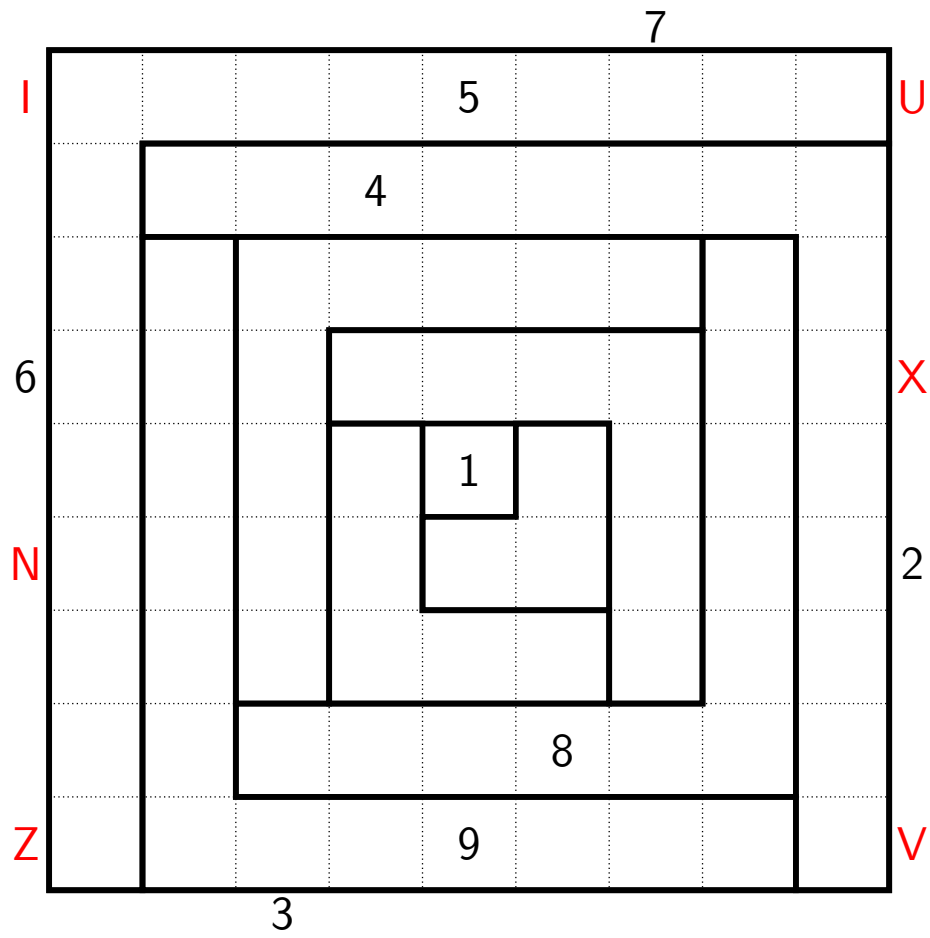
{1:1, 2:[2, 3], 3:5, 4:8, 5:9, 6:4, 7:[], 8:6, 9:7}

digit(s) 7 cannot be assigned to any hook



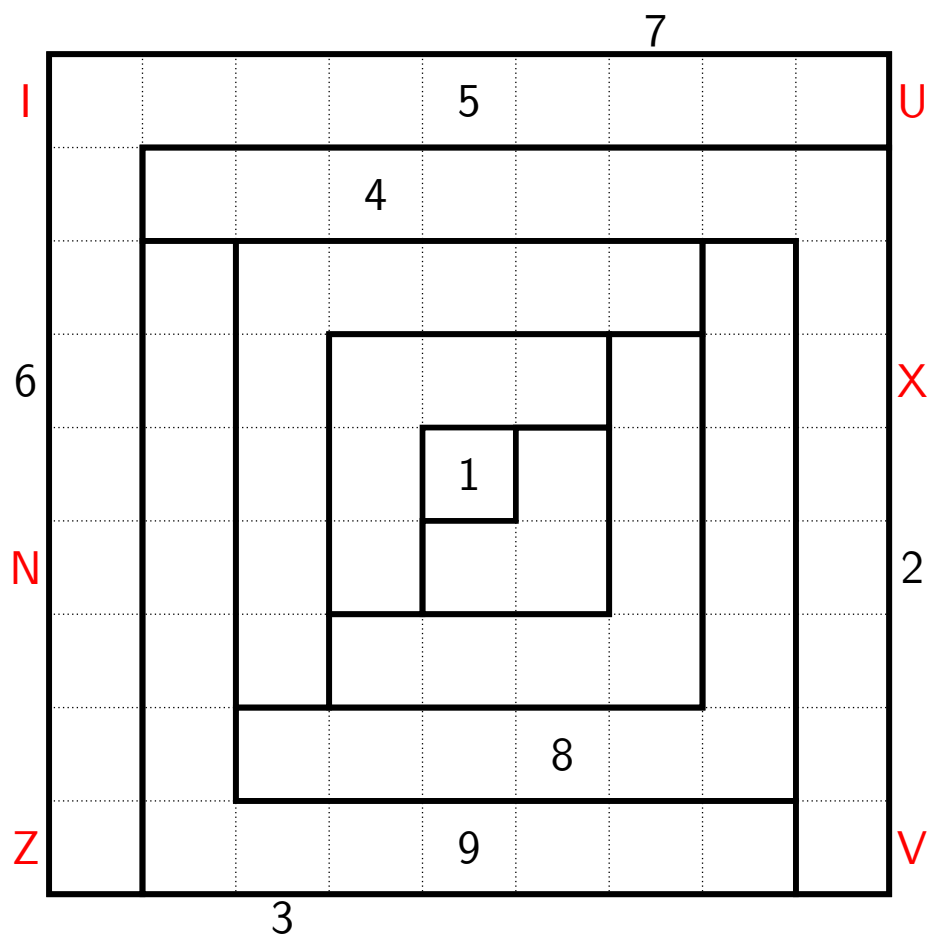
{1:1, 2:[2, 3], 3:5, 4:8, 5:9, 6:4, 7:[], 8:6, 9:7}

digit(s) 7 cannot be assigned to any hook



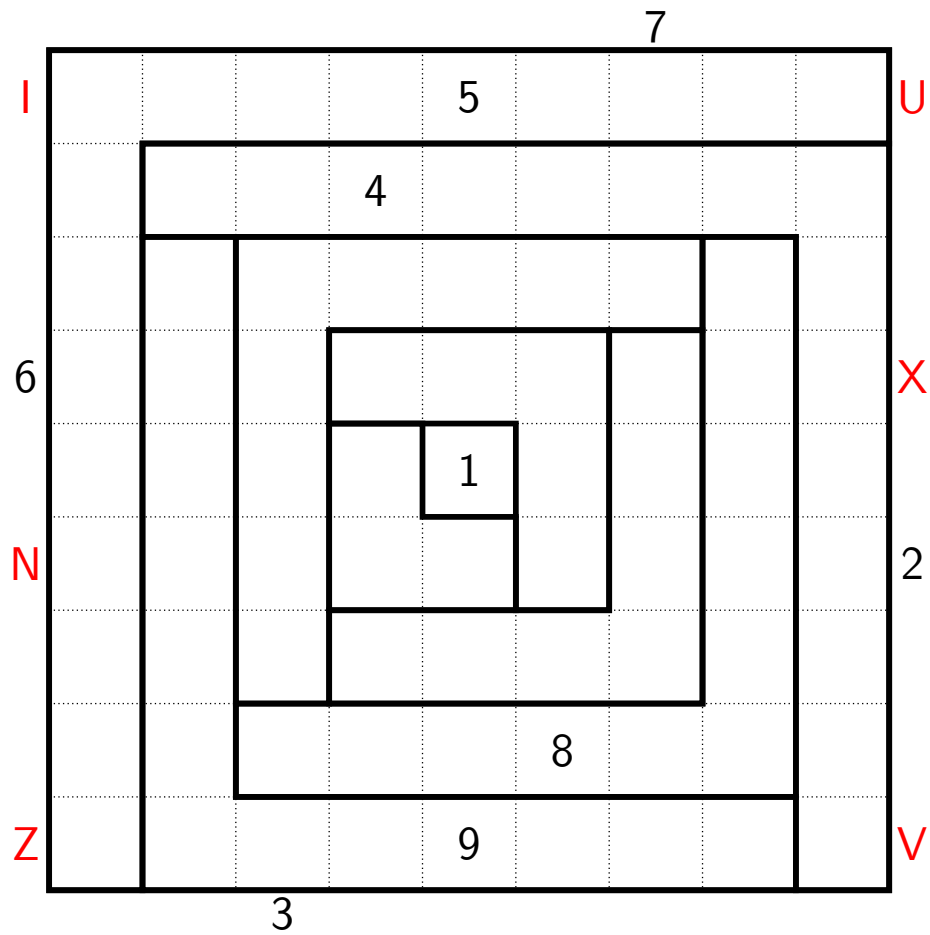
{1:1, 2:[2, 3], 3:5, 4:8, 5:9, 6:4, 7:[], 8:6, 9:7}

digit(s) 7 cannot be assigned to any hook



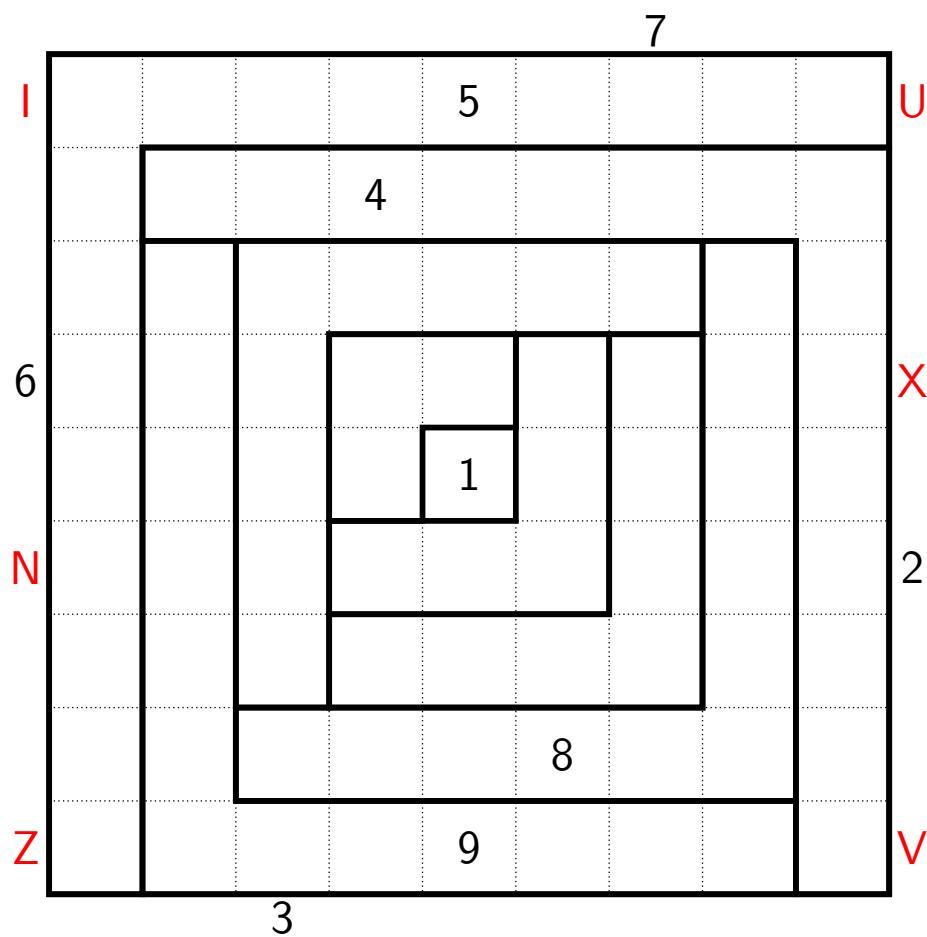
{1:1, 2:[2, 3], 3:5, 4:8, 5:9, 6:4, 7:[], 8:6, 9:7}

digit(s) 7 cannot be assigned to any hook



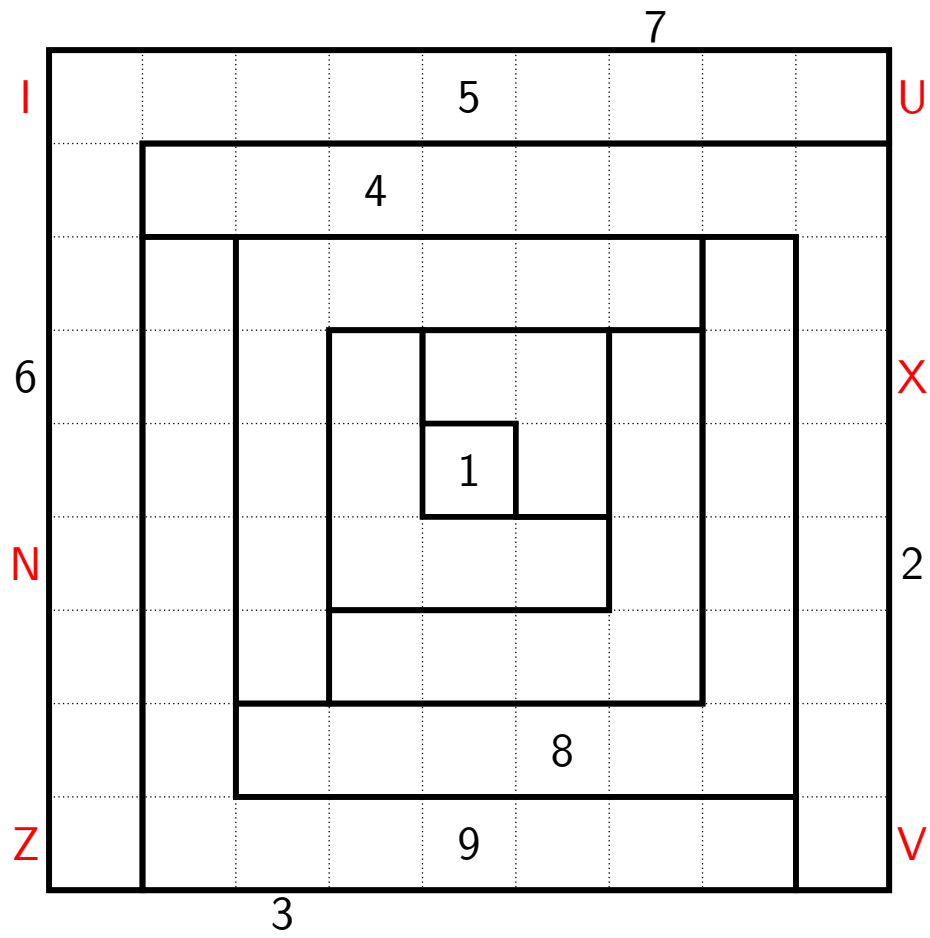
{1:1, 2:[2, 3], 3:5, 4:8, 5:9, 6:4, 7:[], 8:6, 9:7}

digit(s) 7 cannot be assigned to any hook



{1:1, 2:3, 3:5, 4:8, 5:9, 6:4, 7:[], 8:6, 9:7}

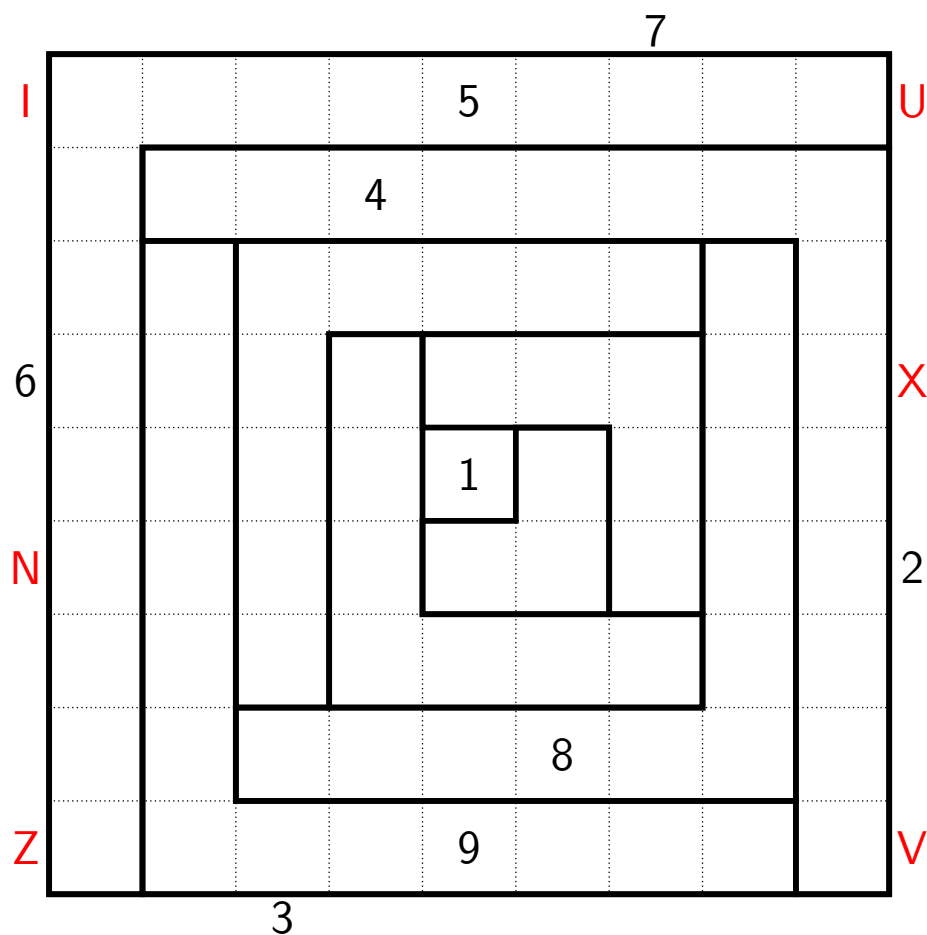
digit(s) 7 cannot be assigned to any hook



{1:1, 2:3, 3:5, 4:8, 5:9, 6:4, 7:[], 8:6, 9:7}

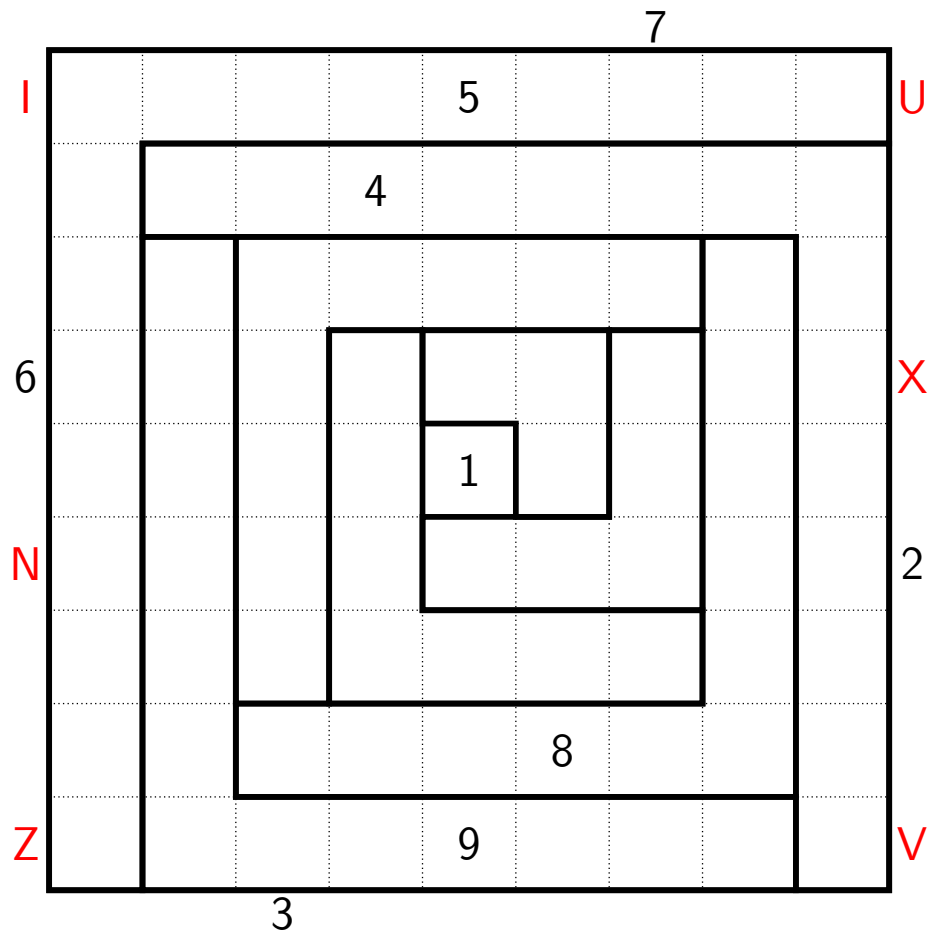
digit(s) 7 cannot be assigned to any hook





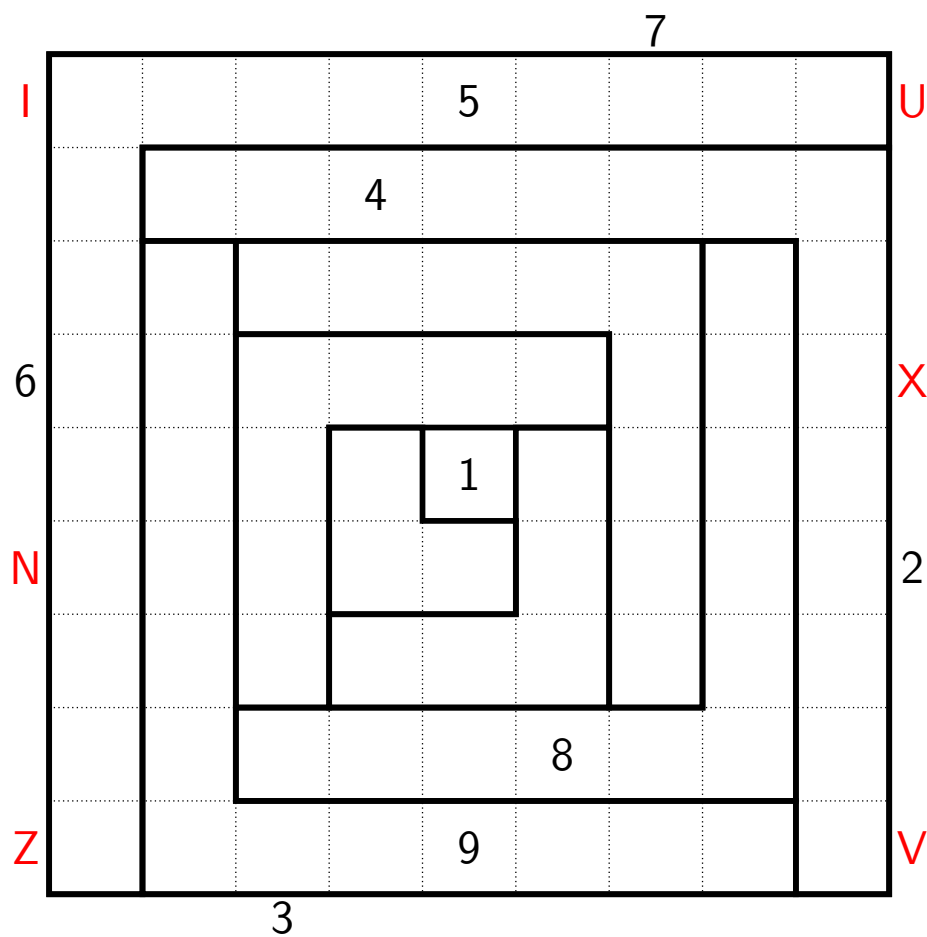
{1:1, 2:[2, 3], 3:5, 4:8, 5:9, 6:4, 7:[], 8:6, 9:7}

digit(s) 7 cannot be assigned to any hook



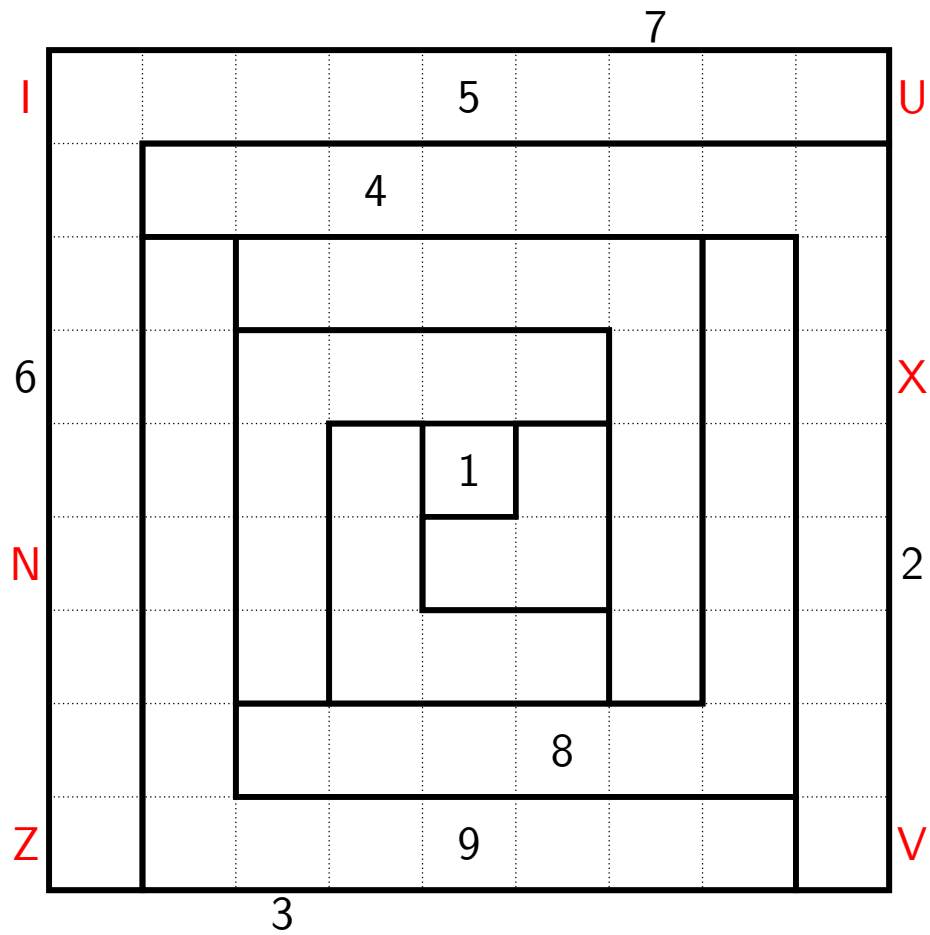
{1:1, 2:3, 3:5, 4:8, 5:9, 6:4, 7:[], 8:6, 9:7}

digit(s) 7 cannot be assigned to any hook



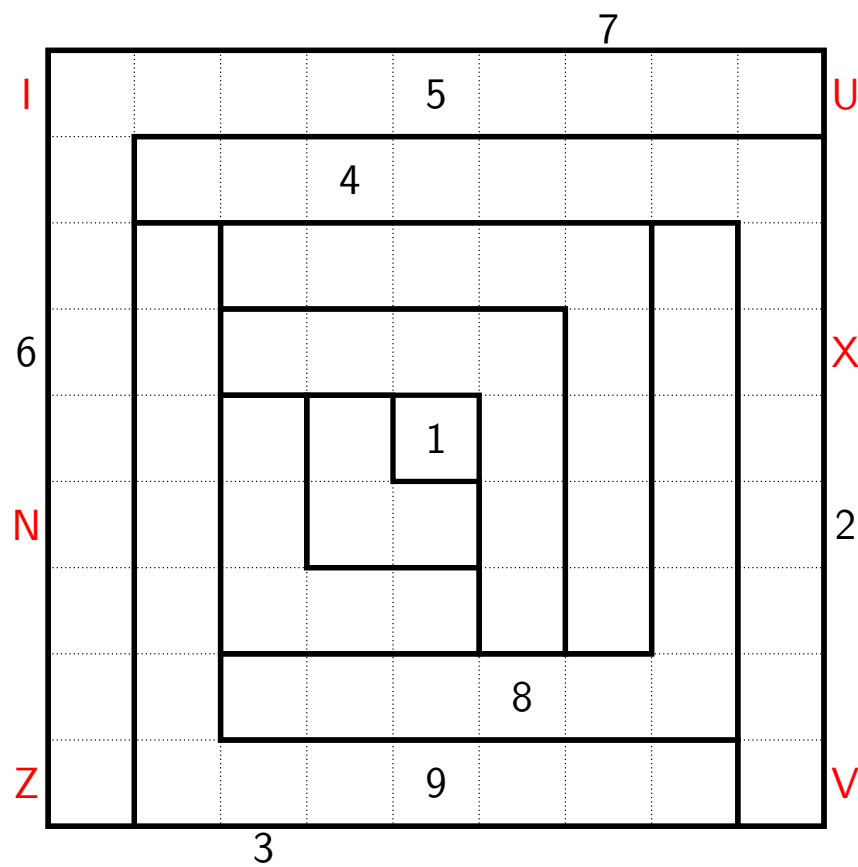
{1:1, 2:[2, 3], 3:4, 4:8, 5:9, 6:4, 7:5, 8:6, 9:7}

digits 3,6 are fighting over hook 4

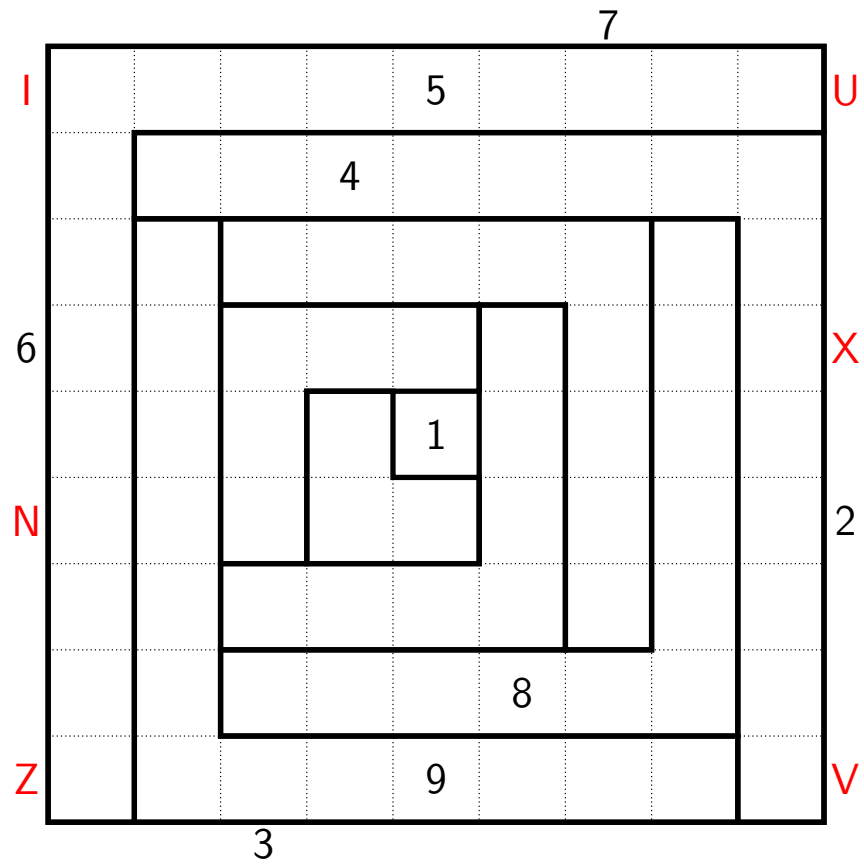


{1:1, 2:[2, 3], 3:4, 4:8, 5:9, 6:4, 7:5, 8:6, 9:7}

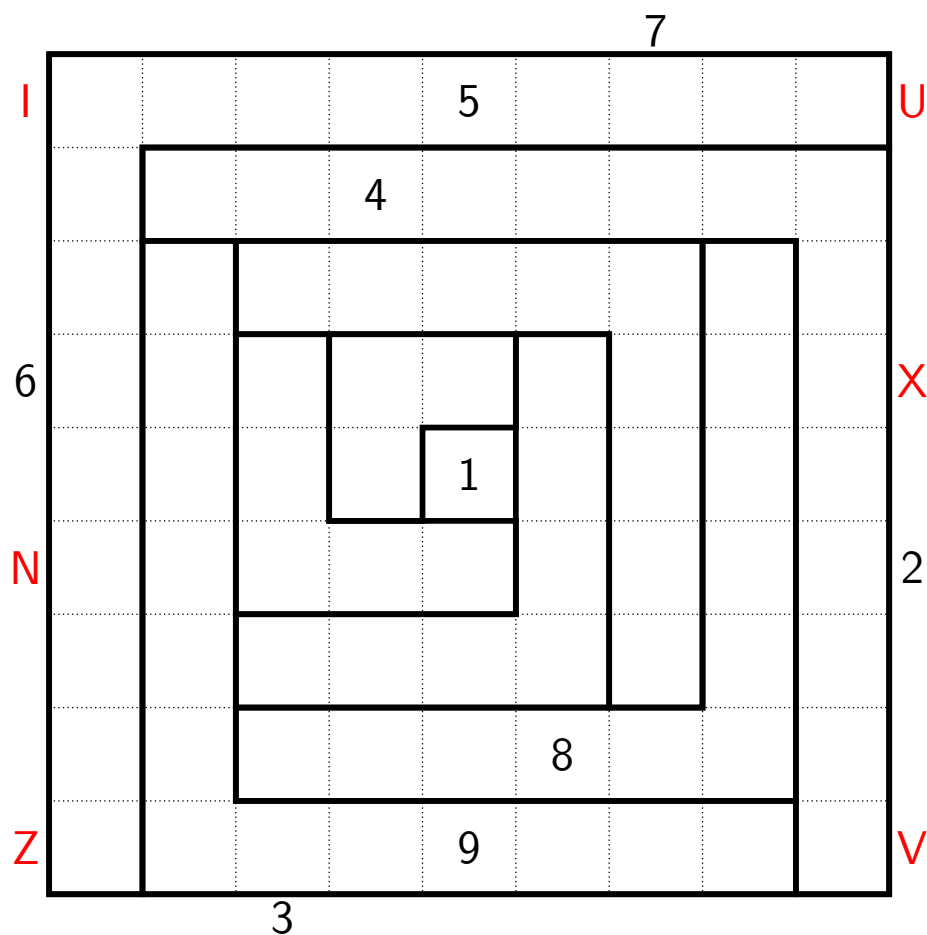
digits 3,6 are fighting over hook 4



—1 : 1, 2 : 2, 3 : 3, 4 : 8, 5 : 9, 6 : 4, 7 : 5, 8 : 6, 9 : 7''

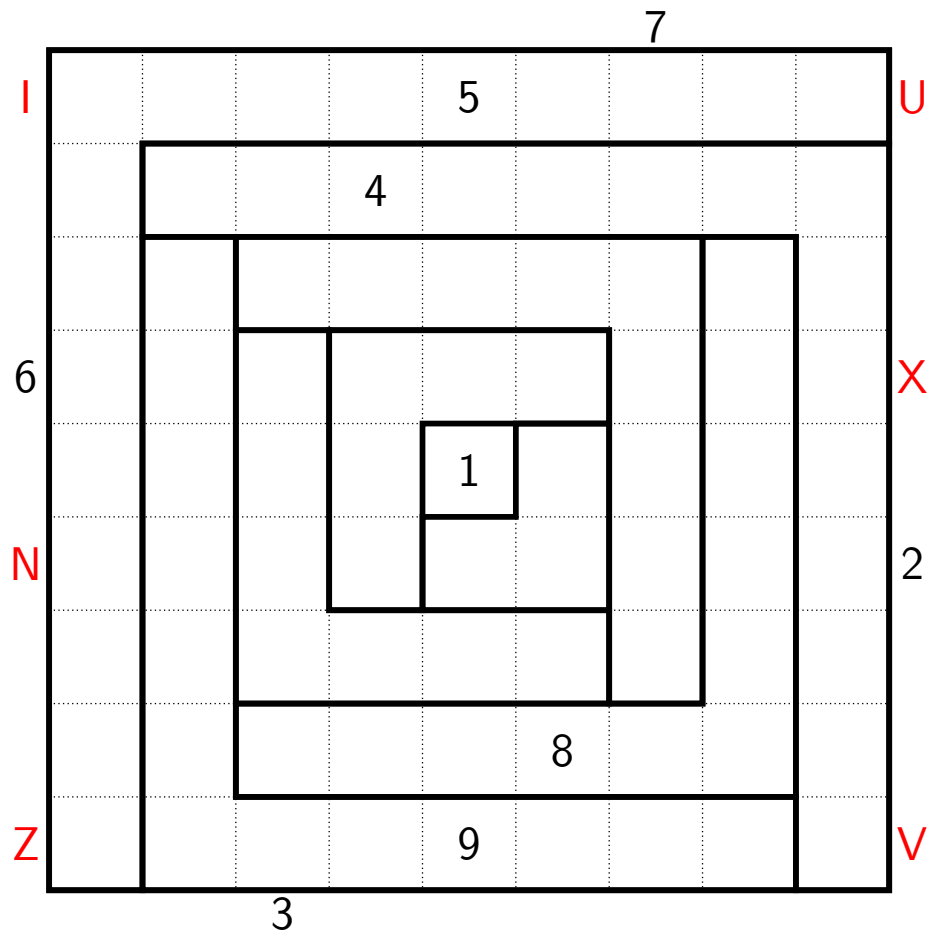


—1 : 1, 2 : 2, 3 : 3, 4 : 8, 5 : 9, 6 : 4, 7 : 5, 8 : 6, 9 : 7''



{1:1, 2:3, 3:3, 4:8, 5:9, 6:4, 7:5, 8:6, 9:7}

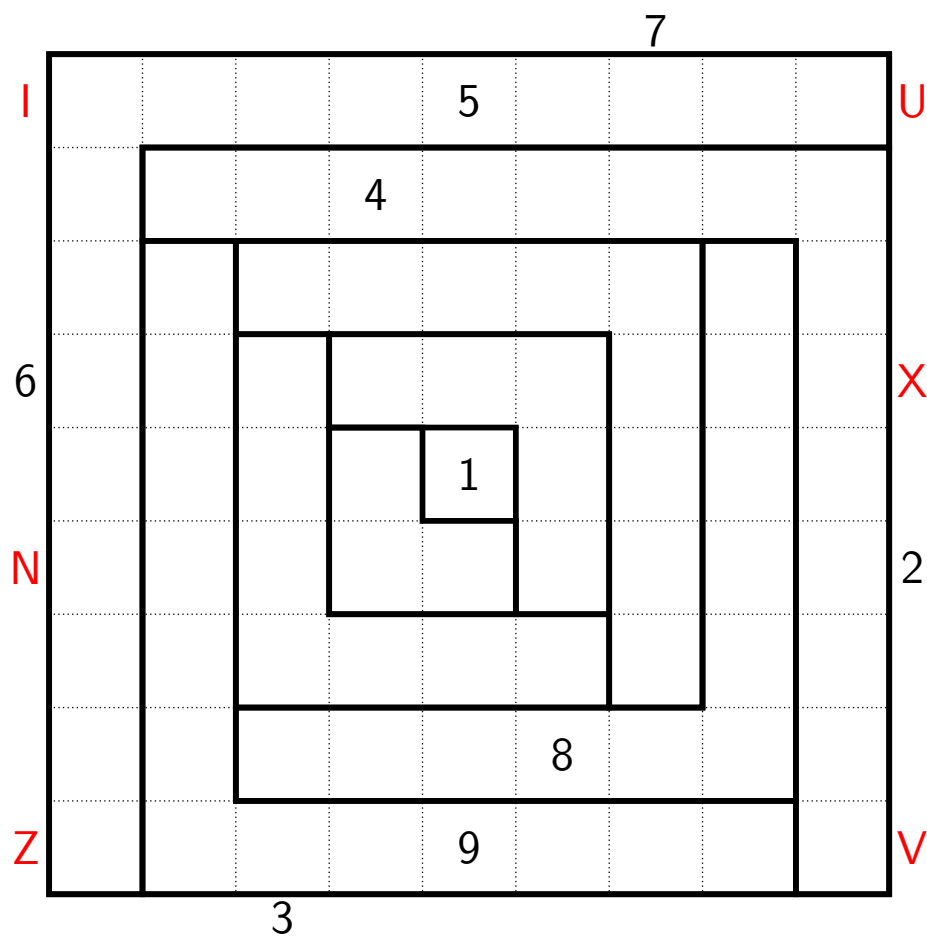
digits 2,3 are fighting over hook 3



{1:1, 2:[2, 3], 3:4, 4:8, 5:9, 6:4, 7:5, 8:6, 9:7}

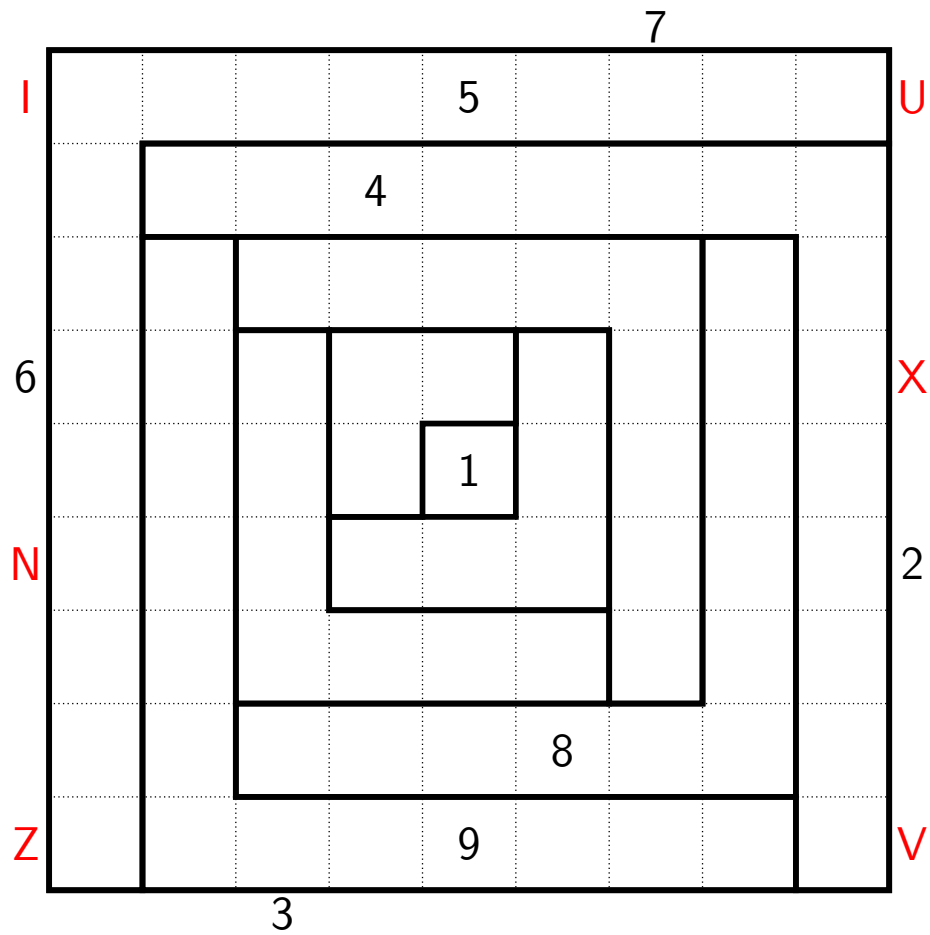
digits 3,6 are fighting over hook 4





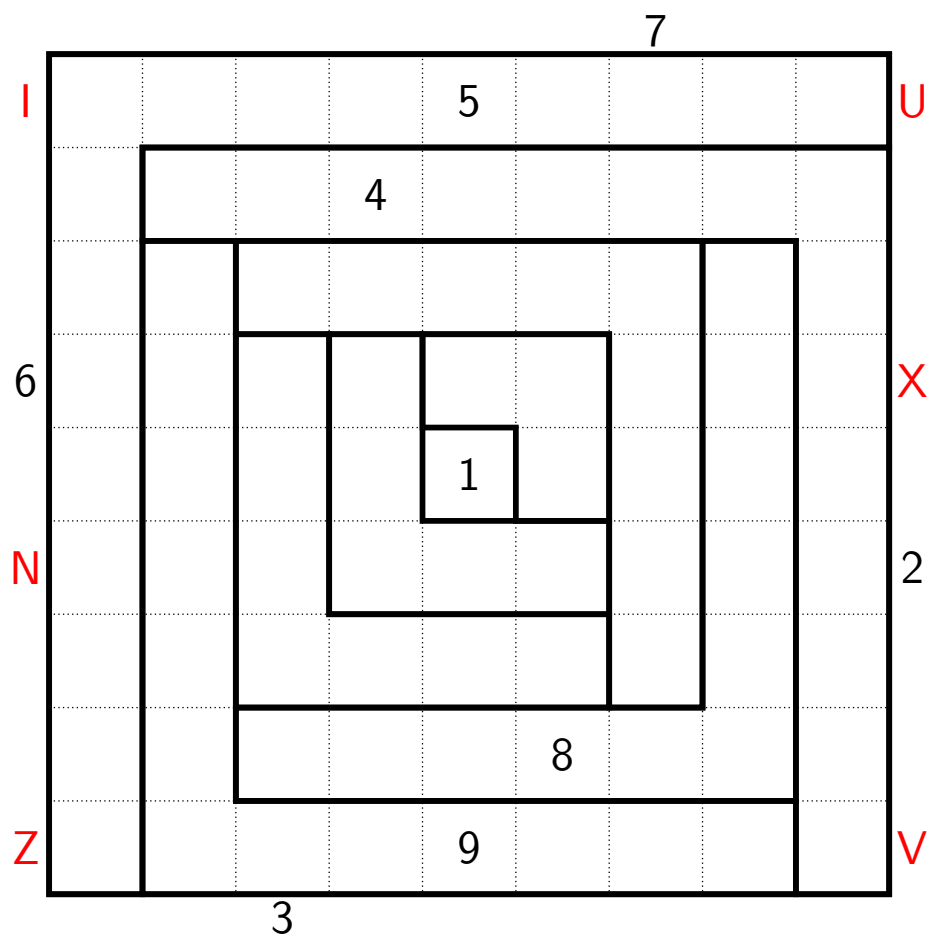
{1:1, 2:[2, 3], 3:4, 4:8, 5:9, 6:4, 7:5, 8:6, 9:7}

digits 3,6 are fighting over hook 4



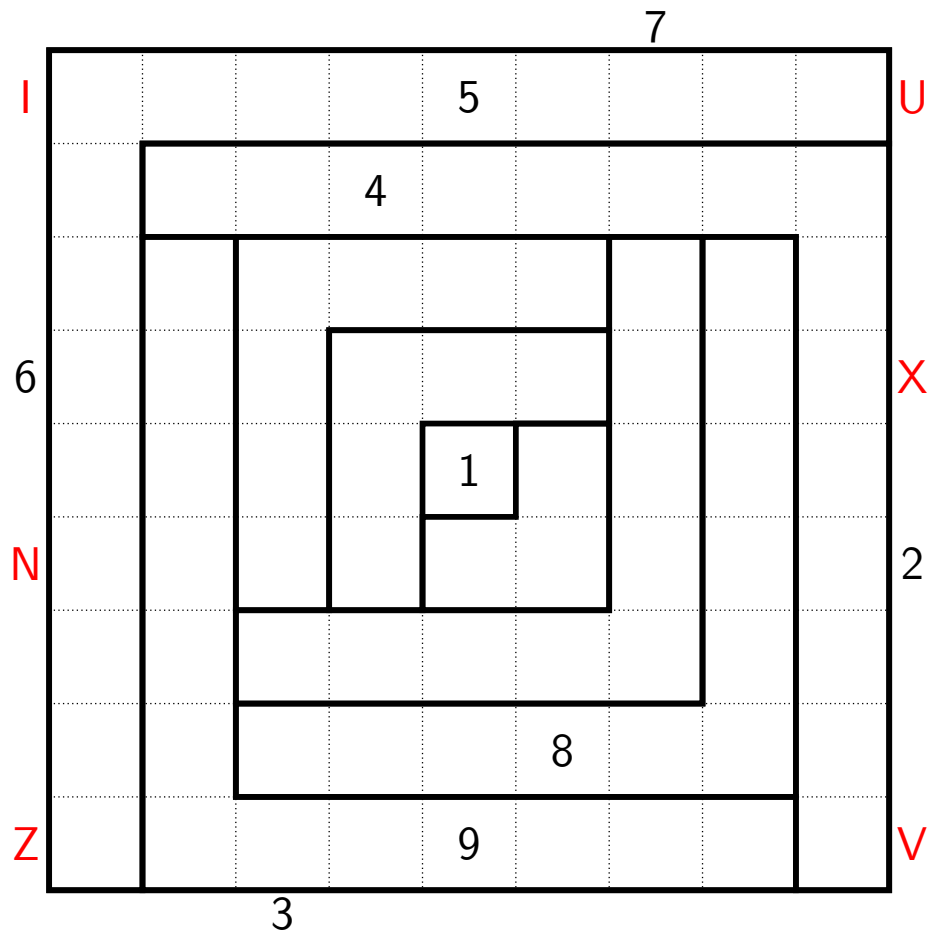
{1:1, 2:3, 3:4, 4:8, 5:9, 6:4, 7:5, 8:6, 9:7}

digits 3,6 are fighting over hook 4



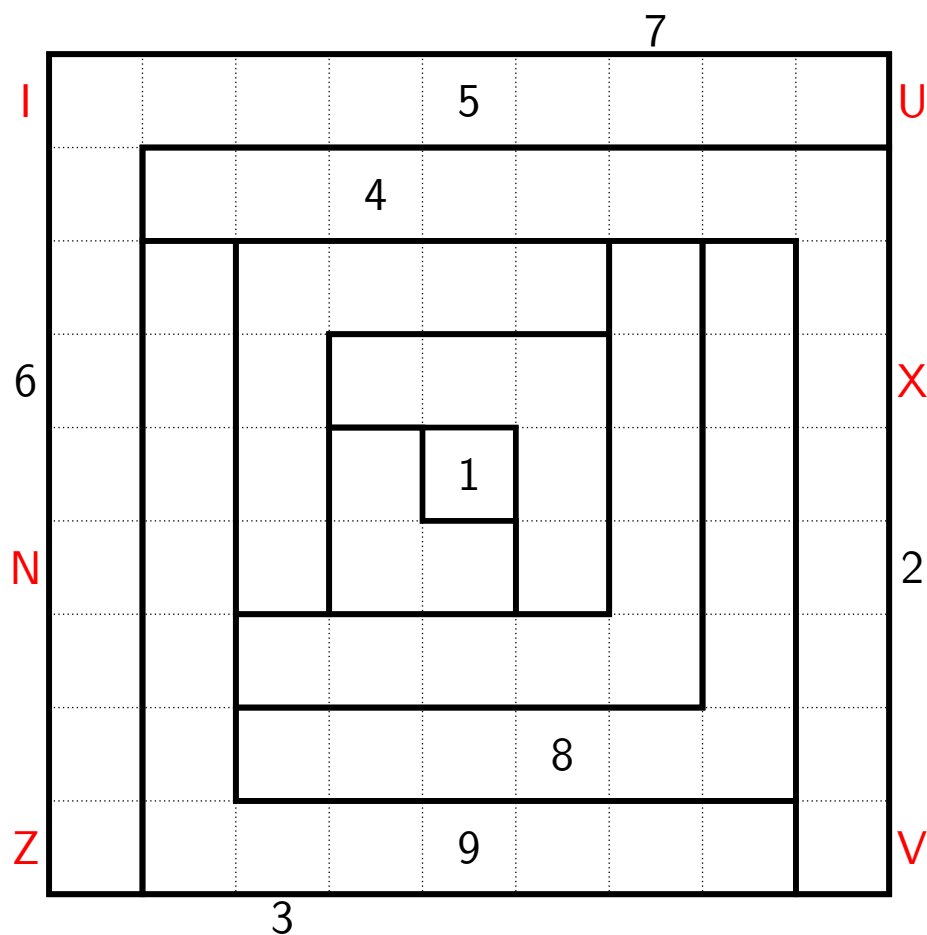
{1:1, 2:3, 3:4, 4:8, 5:9, 6:4, 7:5, 8:6, 9:7}

digits 3,6 are fighting over hook 4



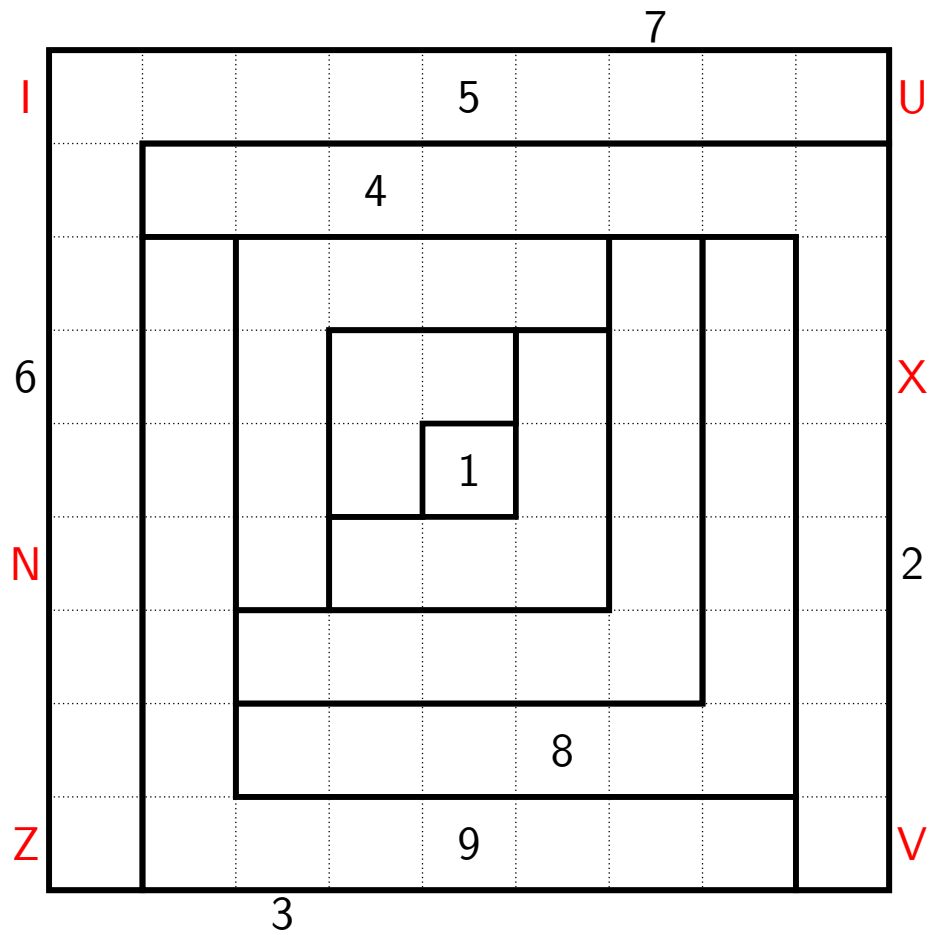
{1:1, 2:[2, 3], 3:4, 4:8, 5:9, 6:4, 7:5, 8:6, 9:7}

digits 3,6 are fighting over hook 4



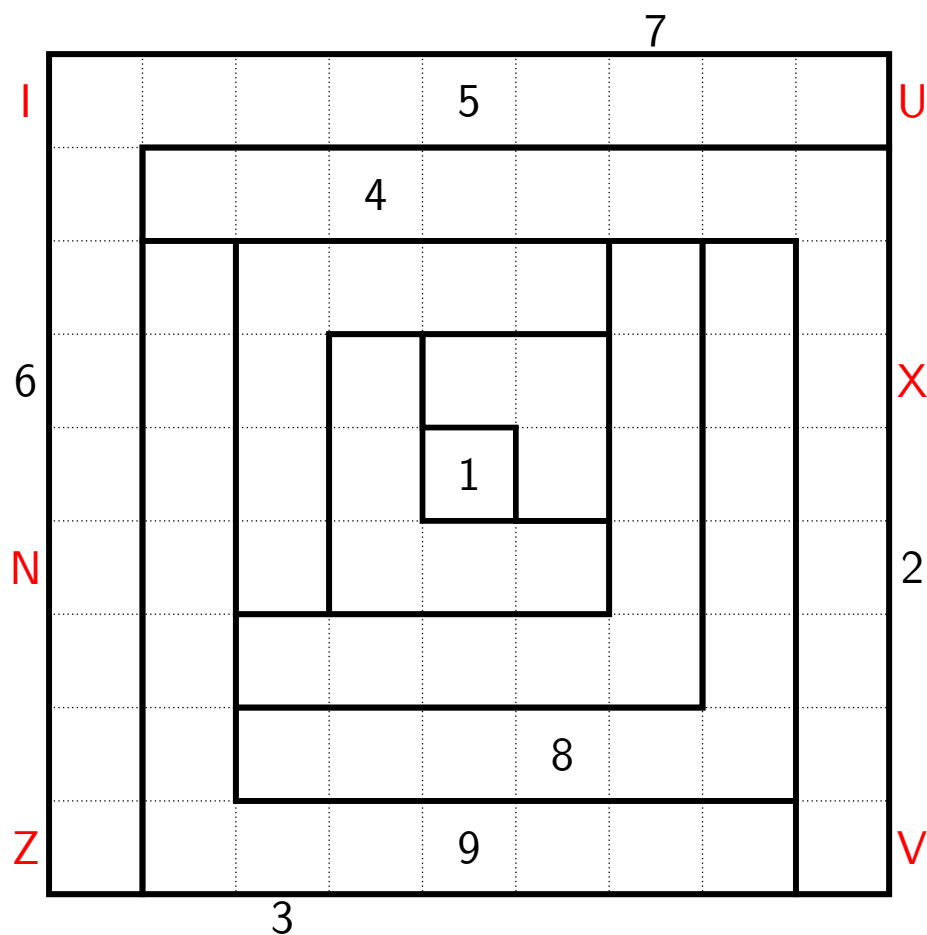
{1:1, 2:[2, 3], 3:4, 4:8, 5:9, 6:4, 7:5, 8:6, 9:7}

digits 3,6 are fighting over hook 4



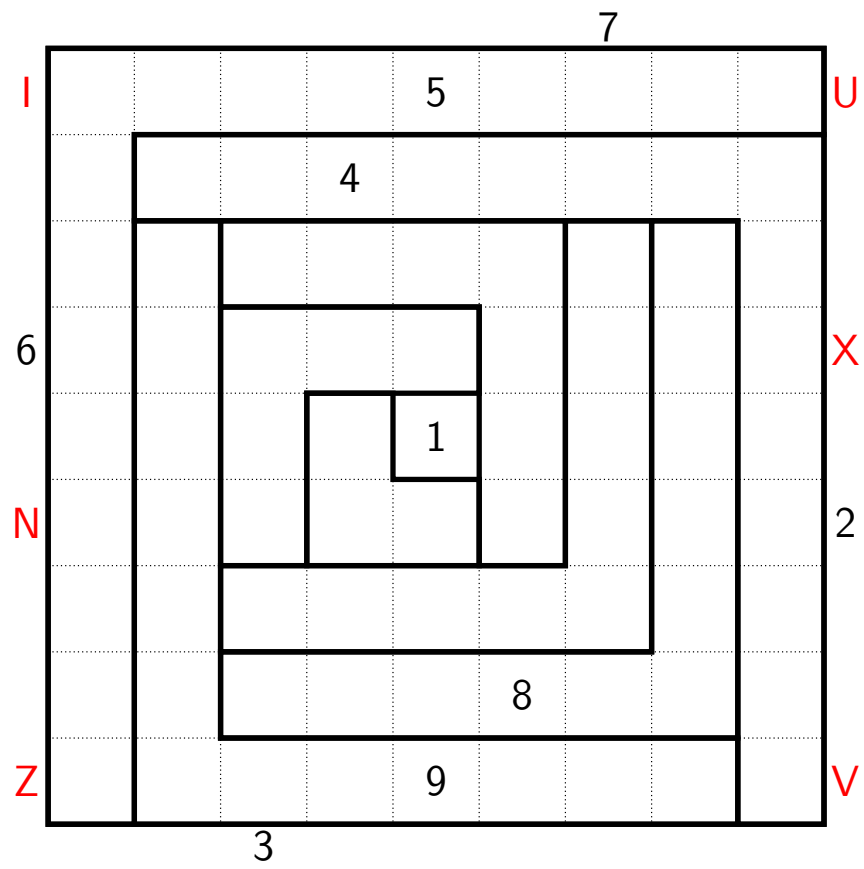
{1:1, 2:3, 3:4, 4:8, 5:9, 6:4, 7:5, 8:6, 9:7}

digits 3,6 are fighting over hook 4



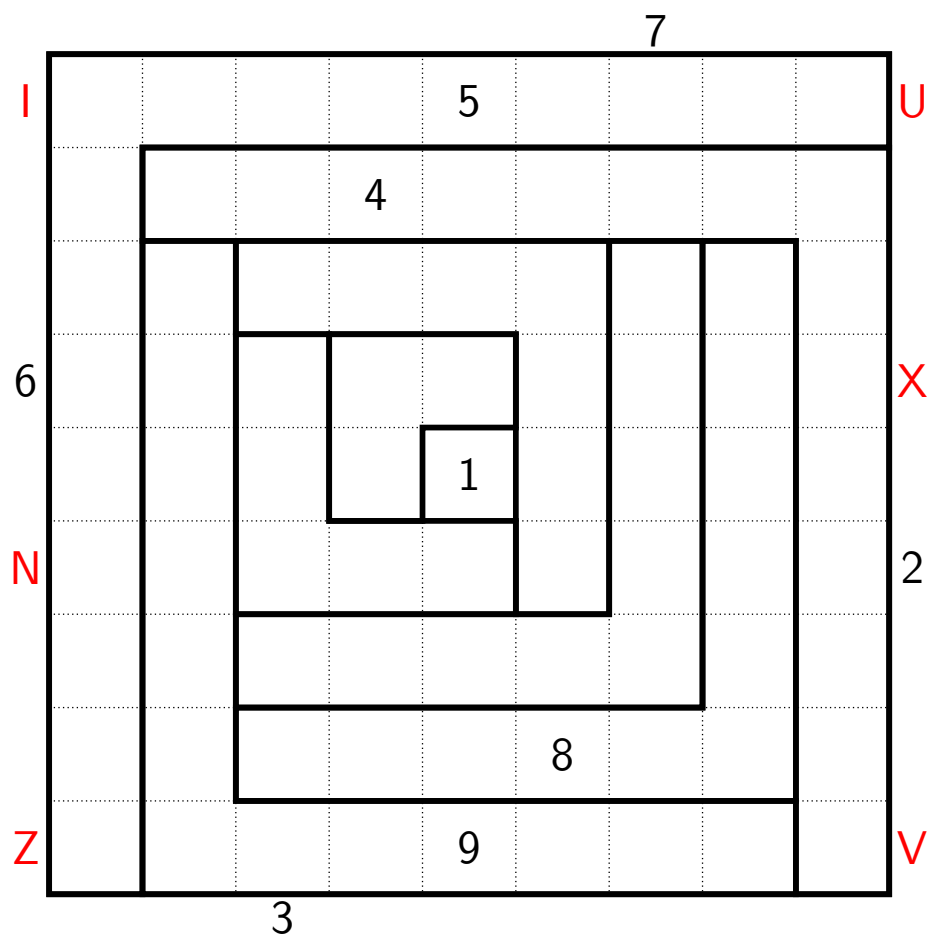
{1:1, 2:3, 3:4, 4:8, 5:9, 6:4, 7:5, 8:6, 9:7}

digits 3,6 are fighting over hook 4



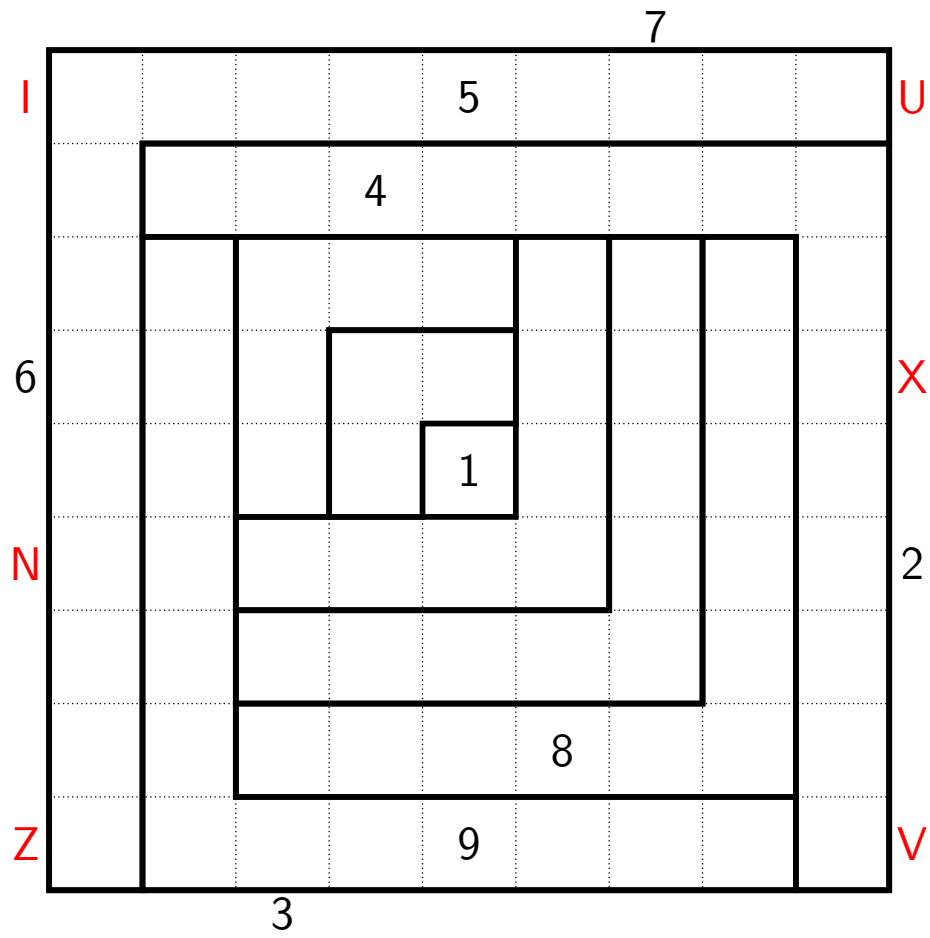
—1 : 1, 2 : 2, 3 : 3, 4 : 8, 5 : 9, 6 : 4, 7 : 5, 8 : 6, 9 : 7''





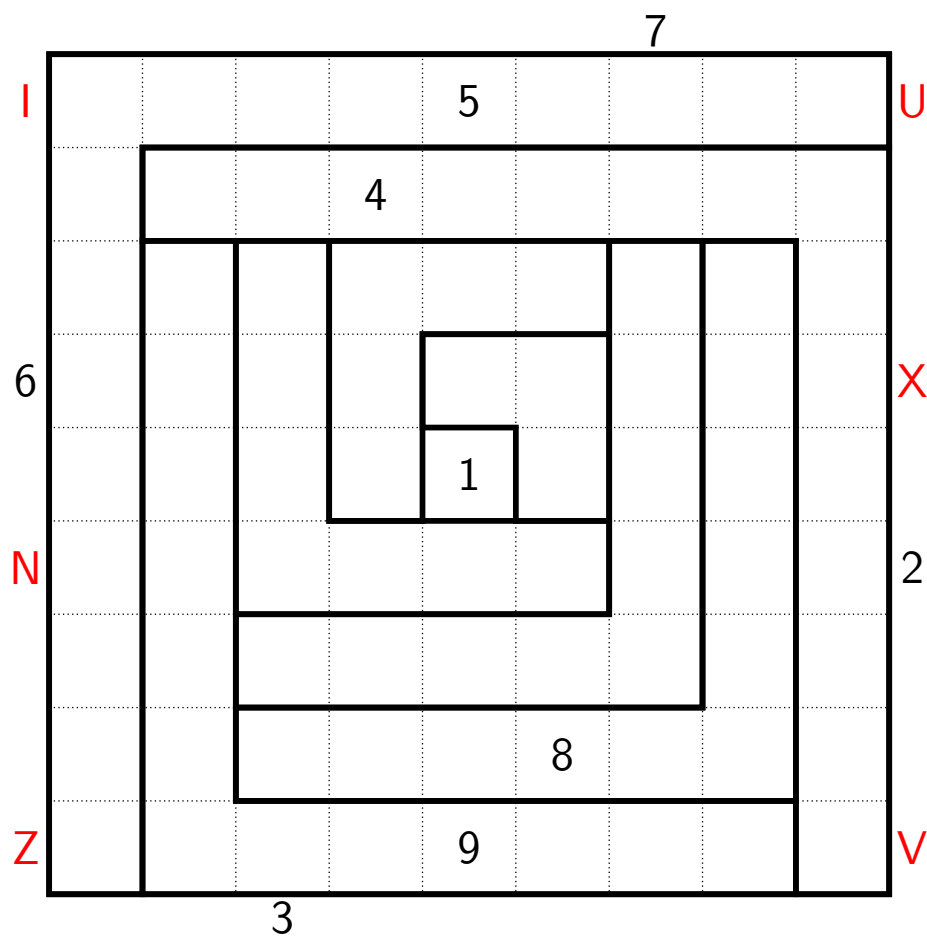
{1:1, 2:3, 3:3, 4:8, 5:9, 6:4, 7:5, 8:6, 9:7}

digits 2,3 are fighting over hook 3



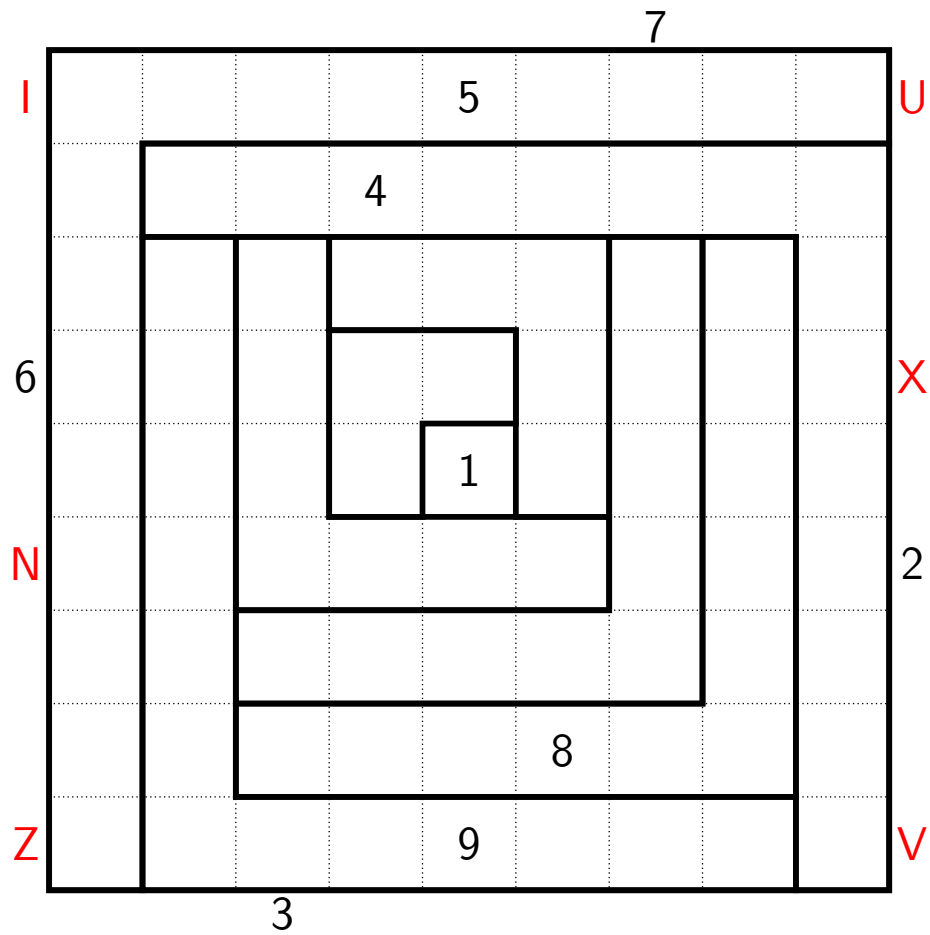
{1:1, 2:4, 3:3, 4:8, 5:9, 6:4, 7:5, 8:6, 9:7}

digits 2,6 are fighting over hook 4



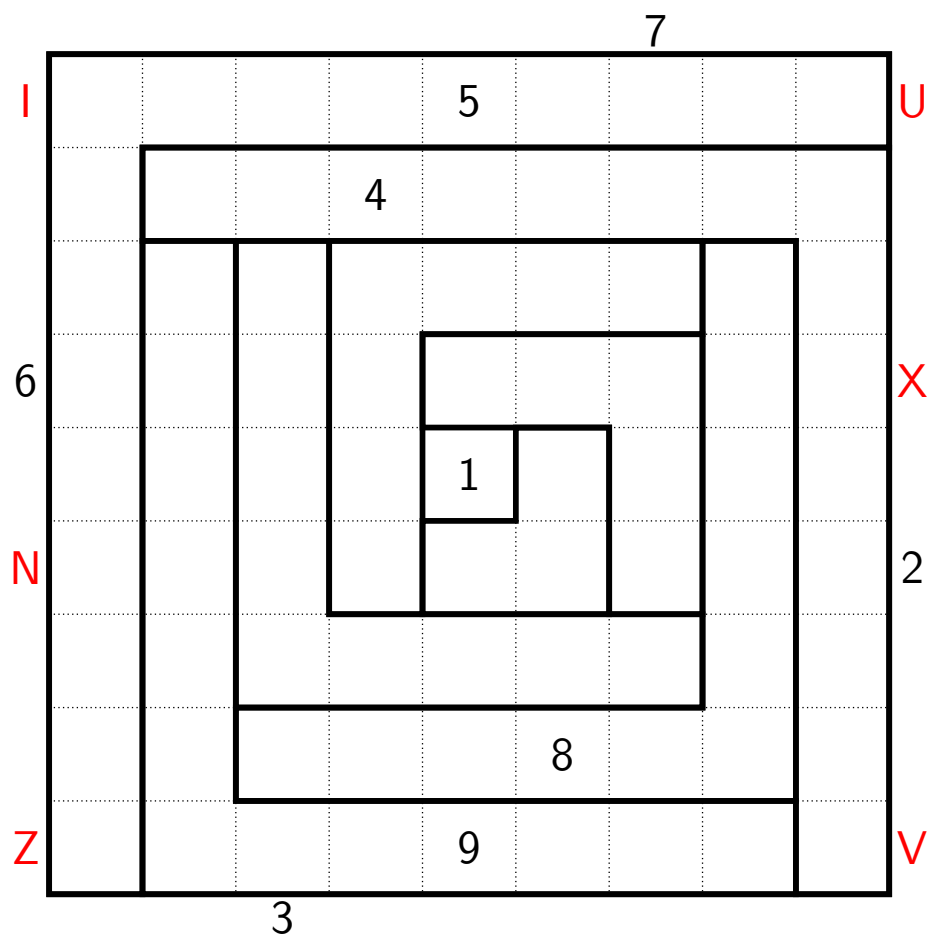
{1:1, 2:4, 3:4, 4:8, 5:9, 6:4, 7:5, 8:6, 9:7}

digits 2,3,6 are fighting over hook 4



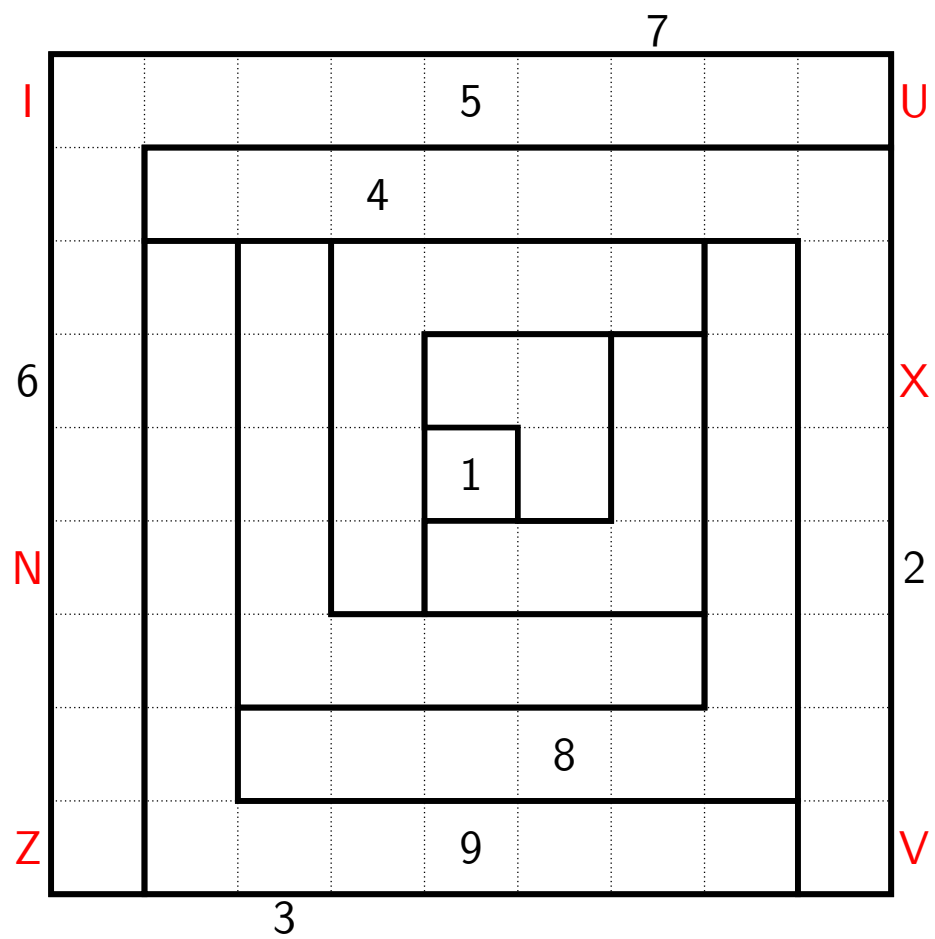
{1:1, 2:4, 3:4, 4:8, 5:9, 6:4, 7:5, 8:6, 9:7}

digits 2,3,6 are fighting over hook 4



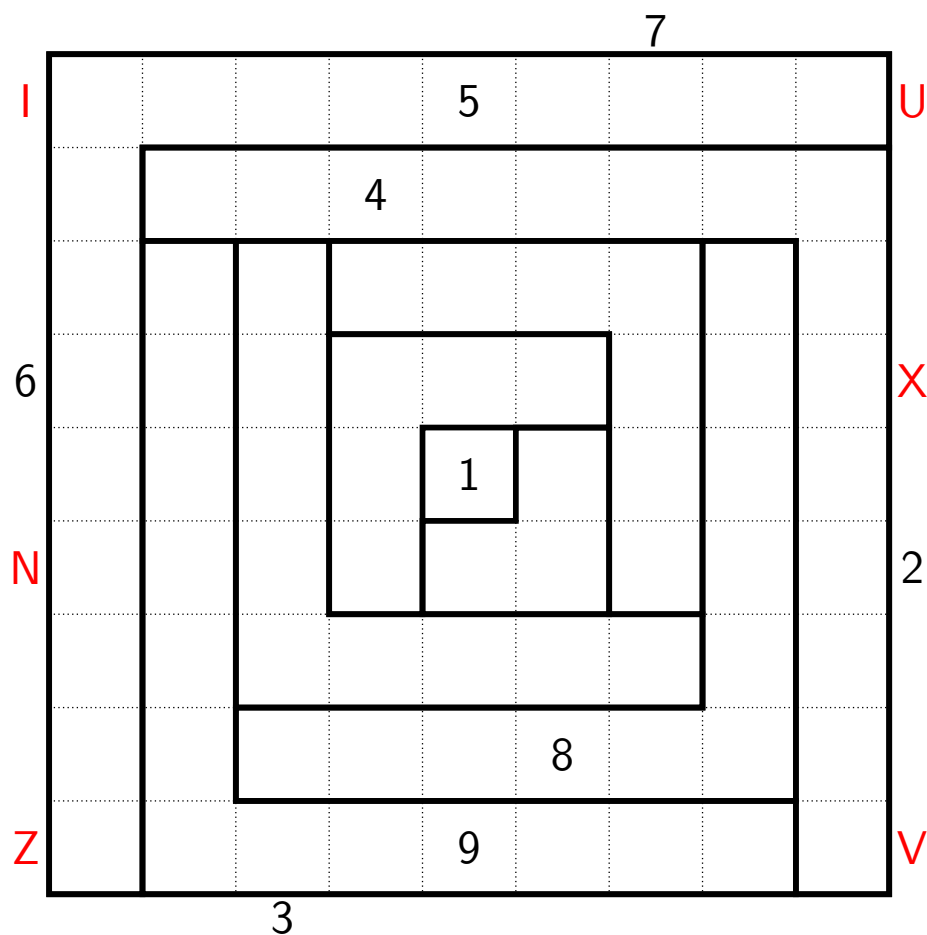
{1:1, 2:[2, 3], 3:5, 4:8, 5:9, 6:4, 7:[], 8:6, 9:7}

digit(s) 7 cannot be assigned to any hook



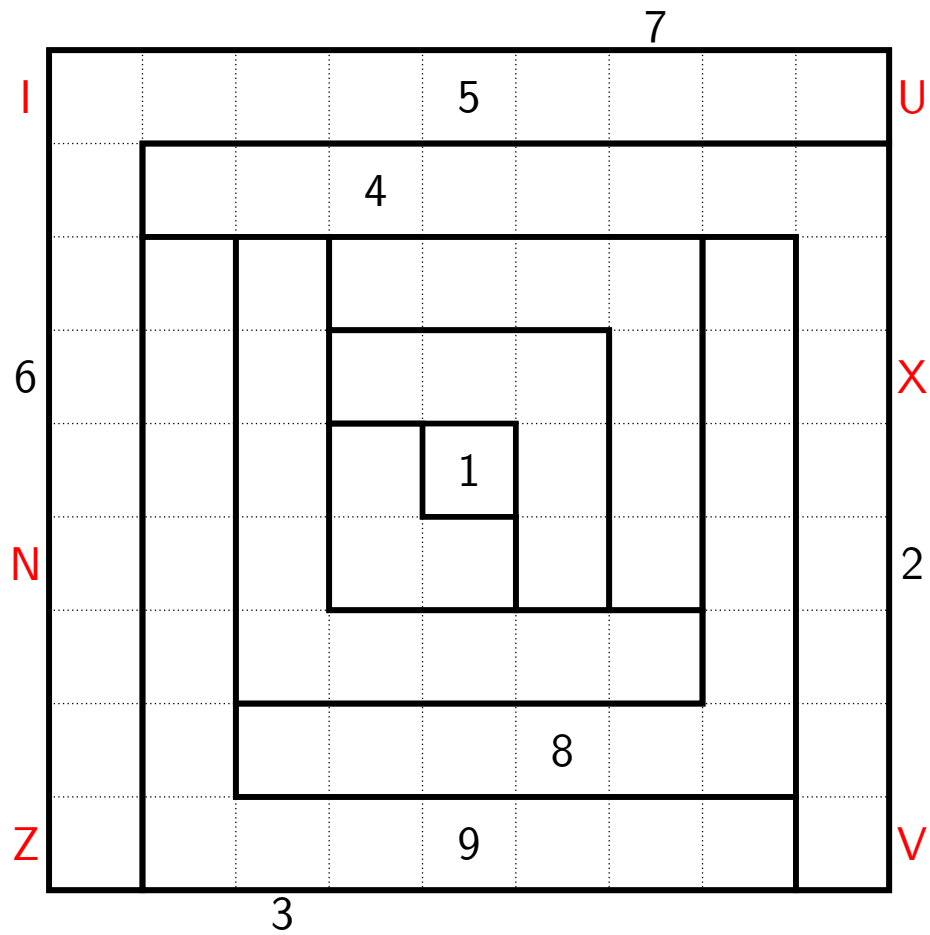
{1:1, 2:3, 3:5, 4:8, 5:9, 6:4, 7:[], 8:6, 9:7}

digit(s) 7 cannot be assigned to any hook



{1:1, 2:[2, 3], 3:5, 4:8, 5:9, 6:4, 7:[], 8:6, 9:7}

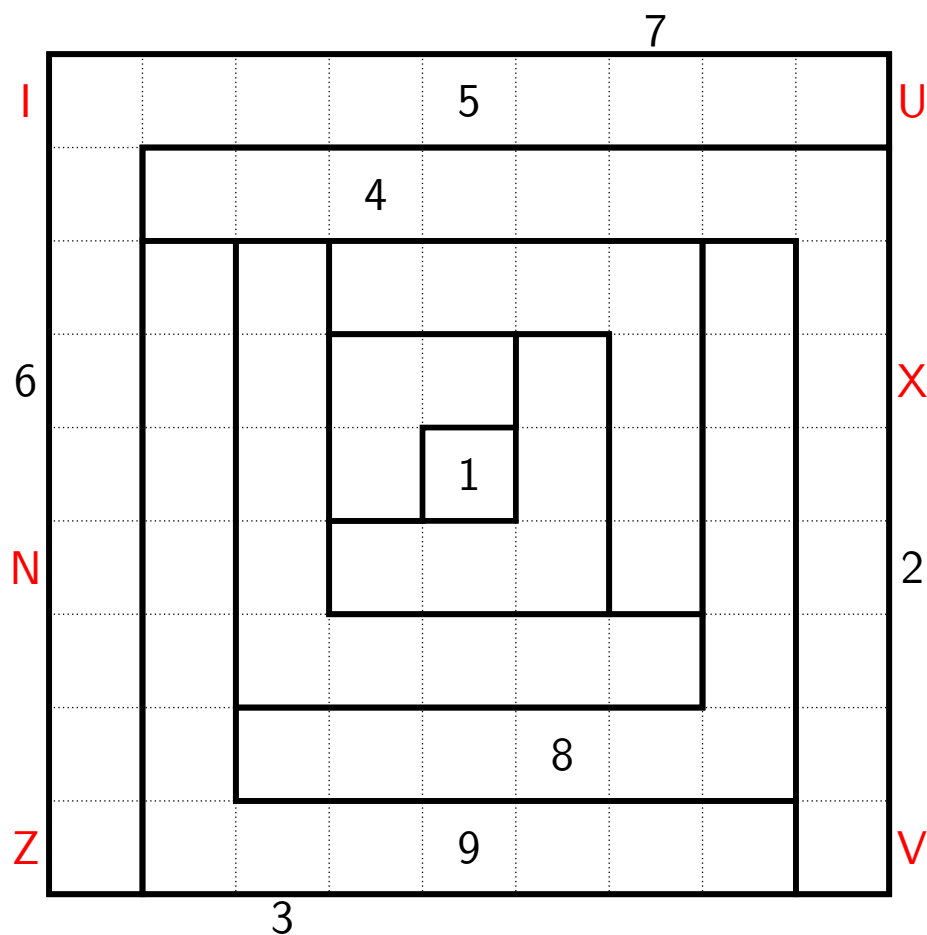
digit(s) 7 cannot be assigned to any hook



{1:1, 2:[2, 3], 3:5, 4:8, 5:9, 6:4, 7:[], 8:6, 9:7}

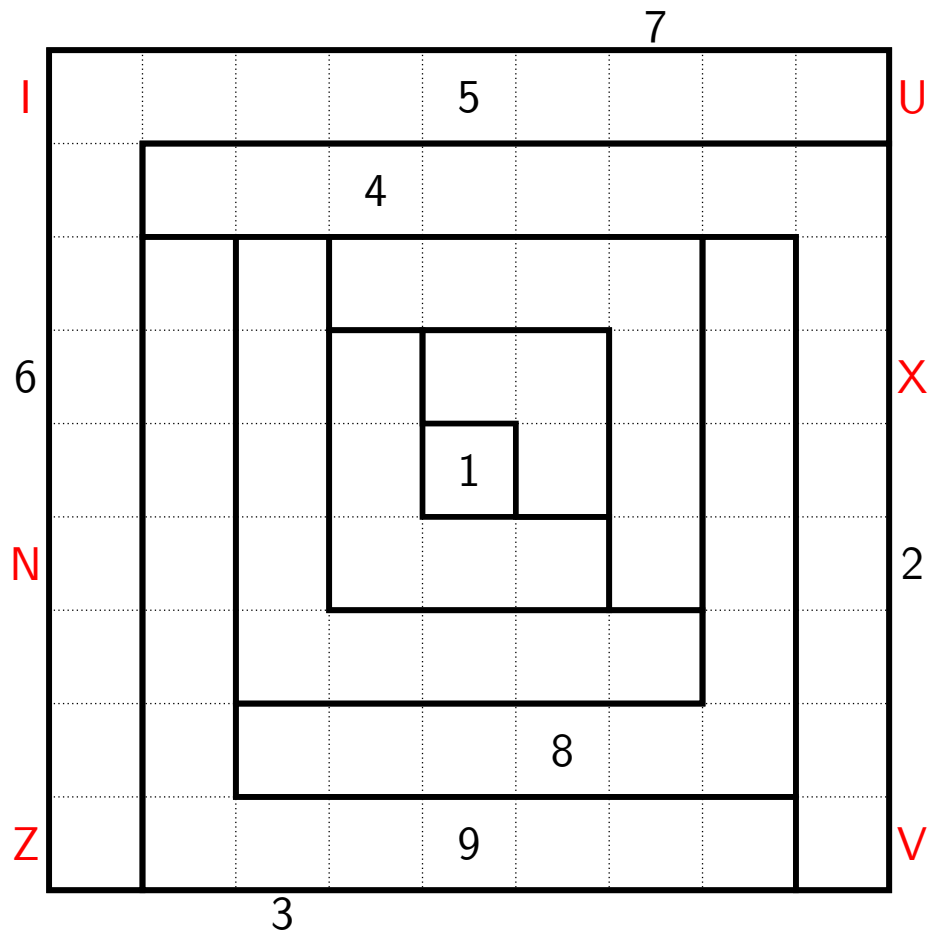
digit(s) 7 cannot be assigned to any hook





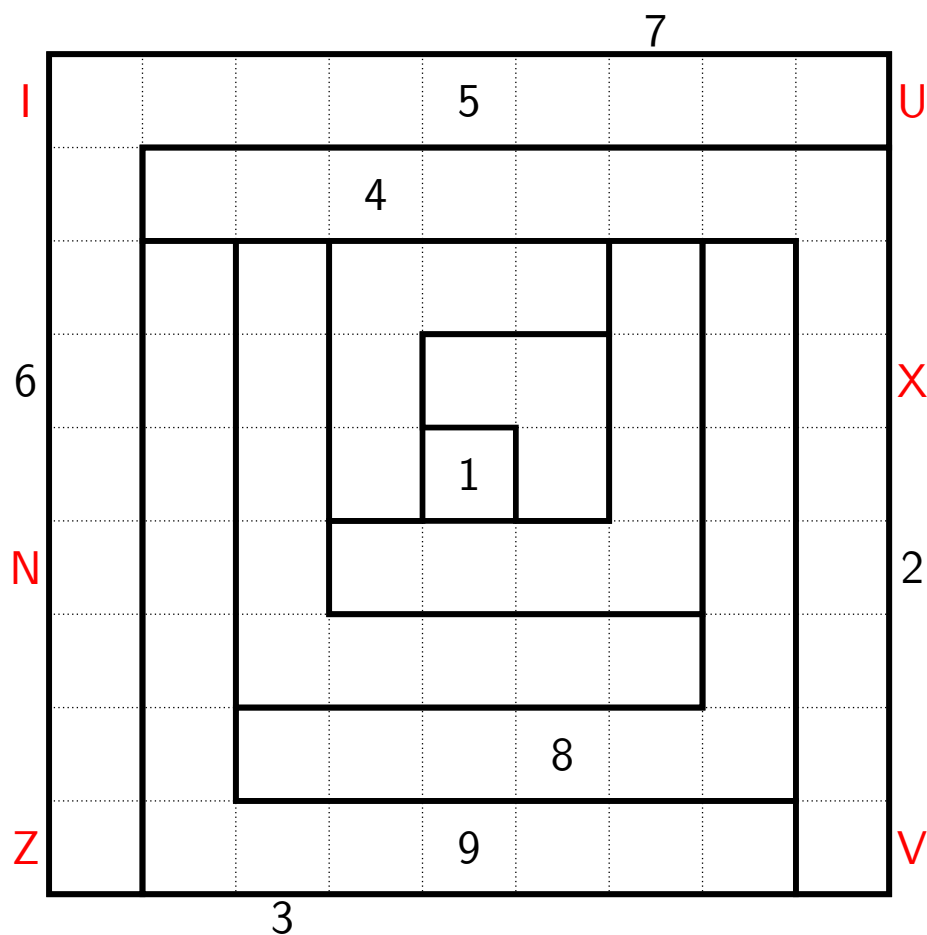
{1:1, 2:3, 3:5, 4:8, 5:9, 6:4, 7:[], 8:6, 9:7}

digit(s) 7 cannot be assigned to any hook



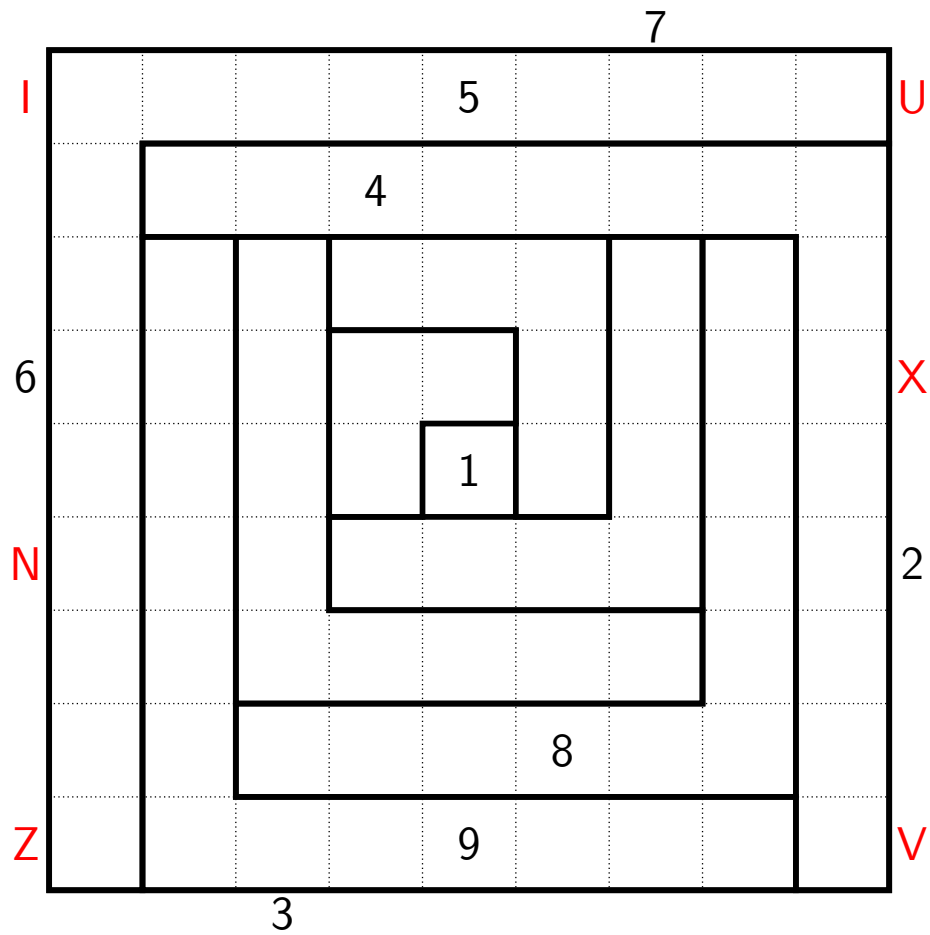
{1:1, 2:3, 3:5, 4:8, 5:9, 6:4, 7:[], 8:6, 9:7}

digit(s) 7 cannot be assigned to any hook



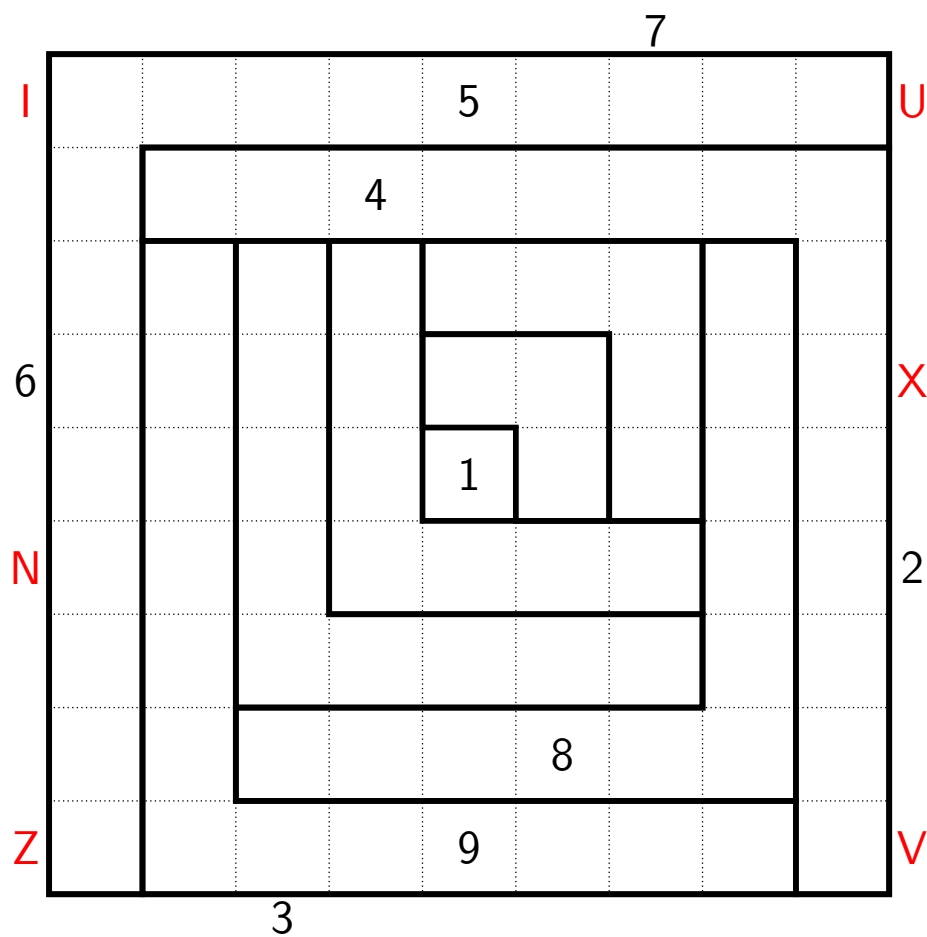
{1:1, 2:5, 3:5, 4:8, 5:9, 6:4, 7:[], 8:6, 9:7}

digits 2,3 are fighting over hook 5



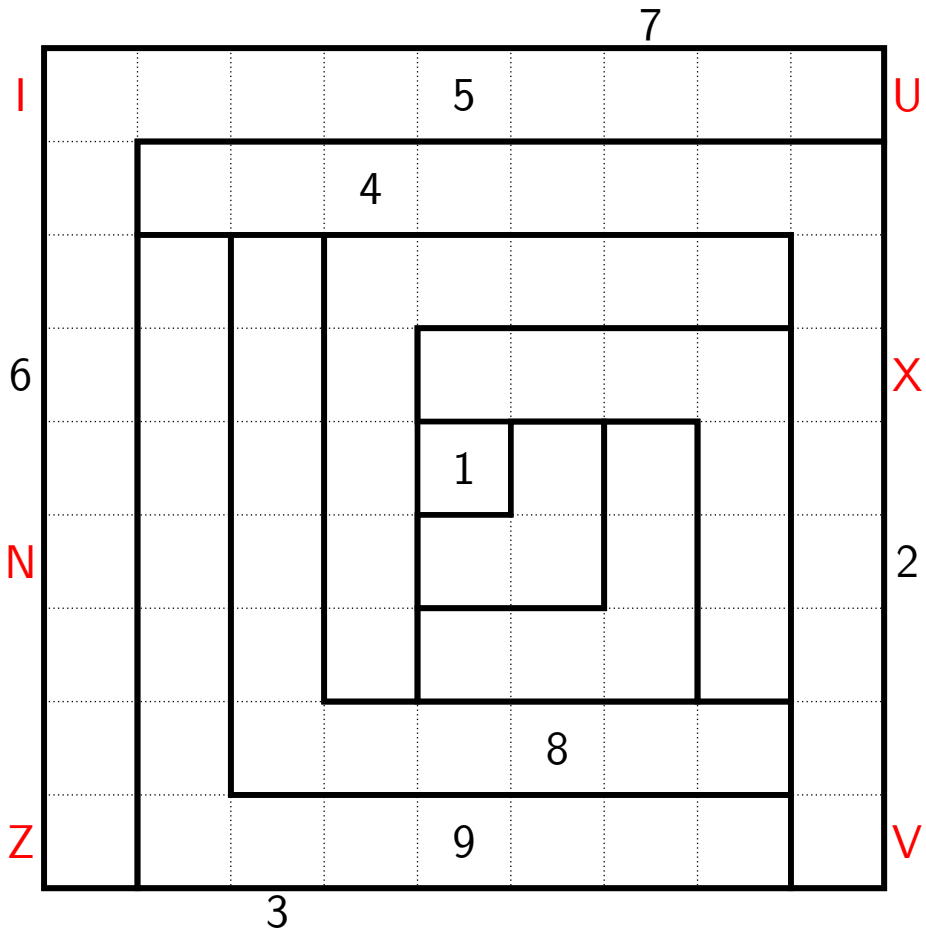
{1:1, 2:5, 3:5, 4:8, 5:9, 6:4, 7:[], 8:6, 9:7}

digits 2,3 are fighting over hook 5

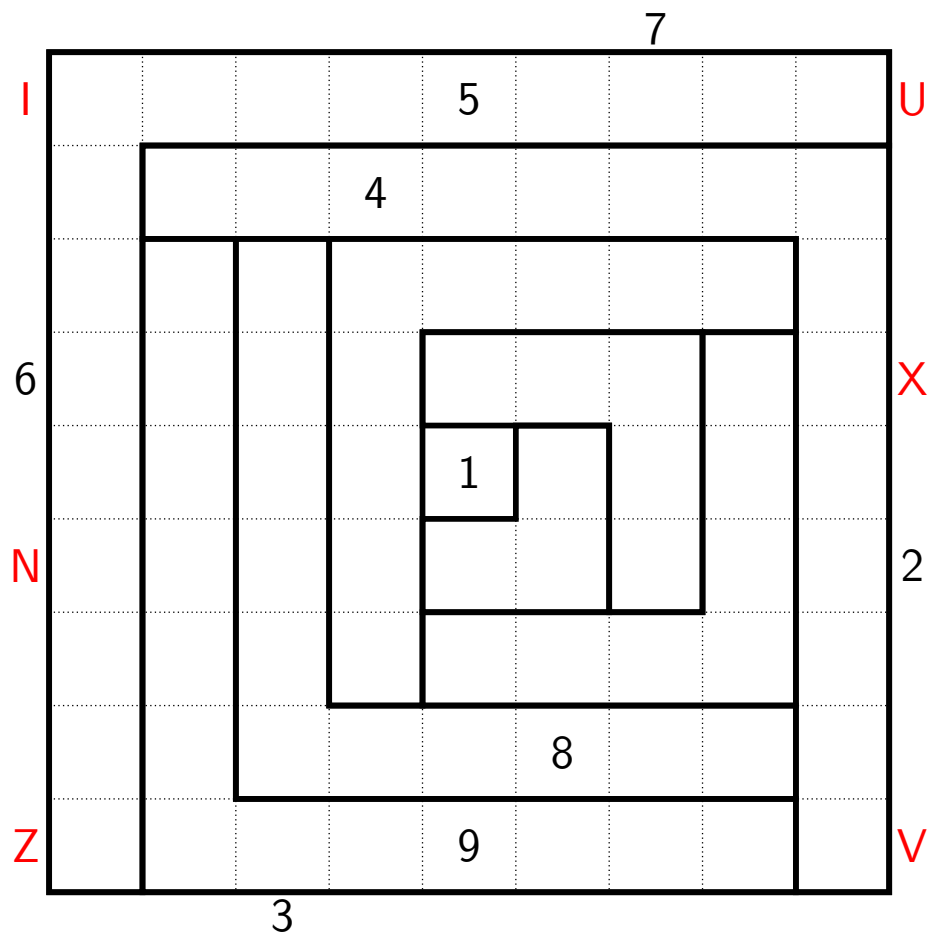


{1:1, 2:5, 3:5, 4:8, 5:9, 6:4, 7:[], 8:6, 9:7}

digits 2,3 are fighting over hook 5

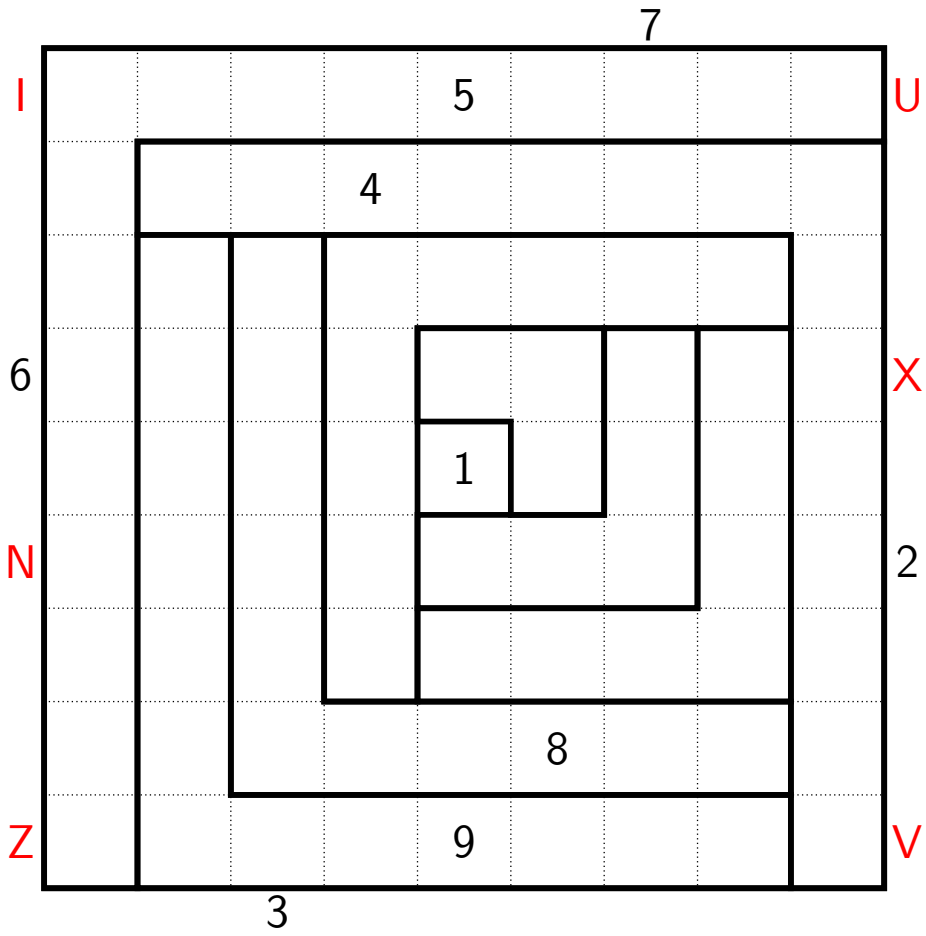

$$\{1:1, 2:[2, 3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7\}$$

digit(s) 3 cannot be assigned to any hook



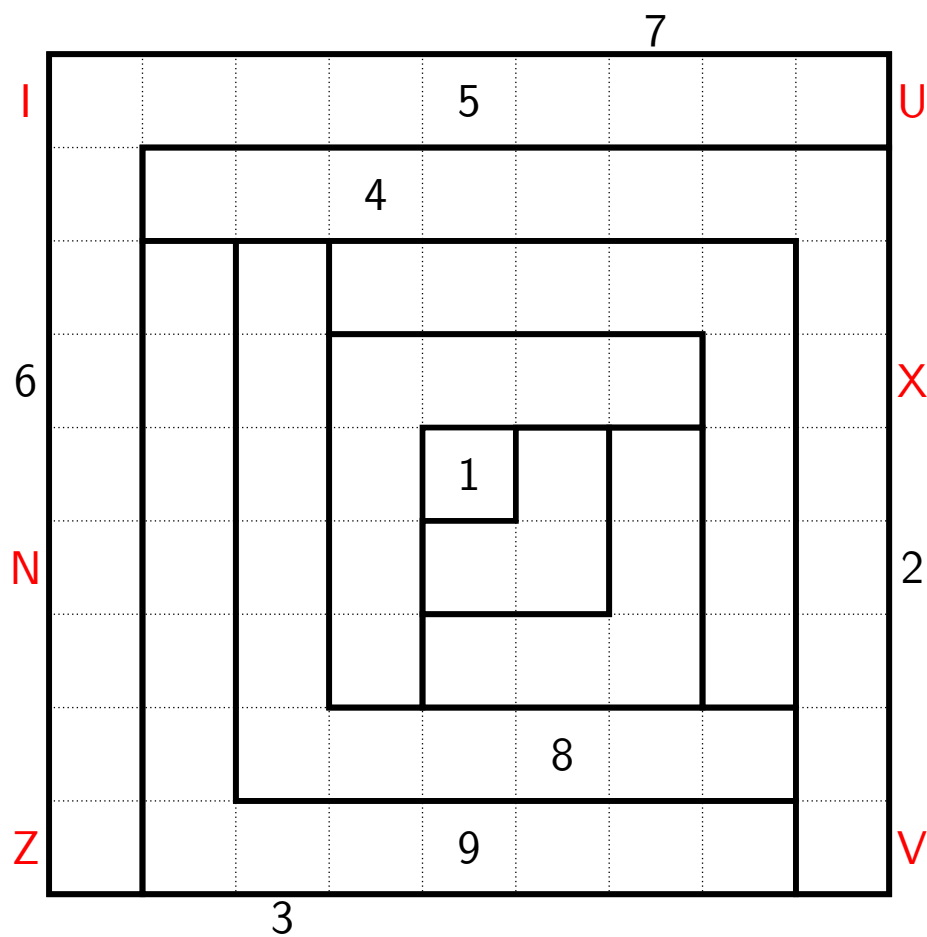
{1:1, 2:[2, 3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

digit(s) 3 cannot be assigned to any hook


$$\{1:1, 2:[3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7\}$$

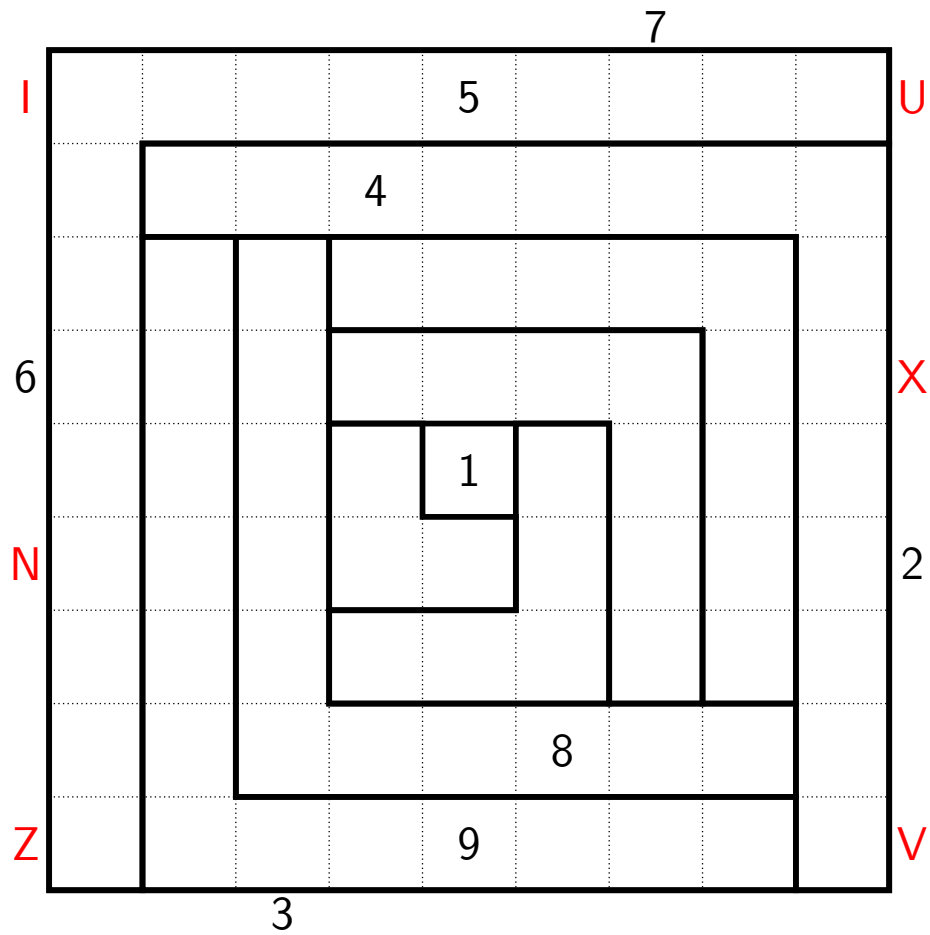
digit(s) 3 cannot be assigned to any hook





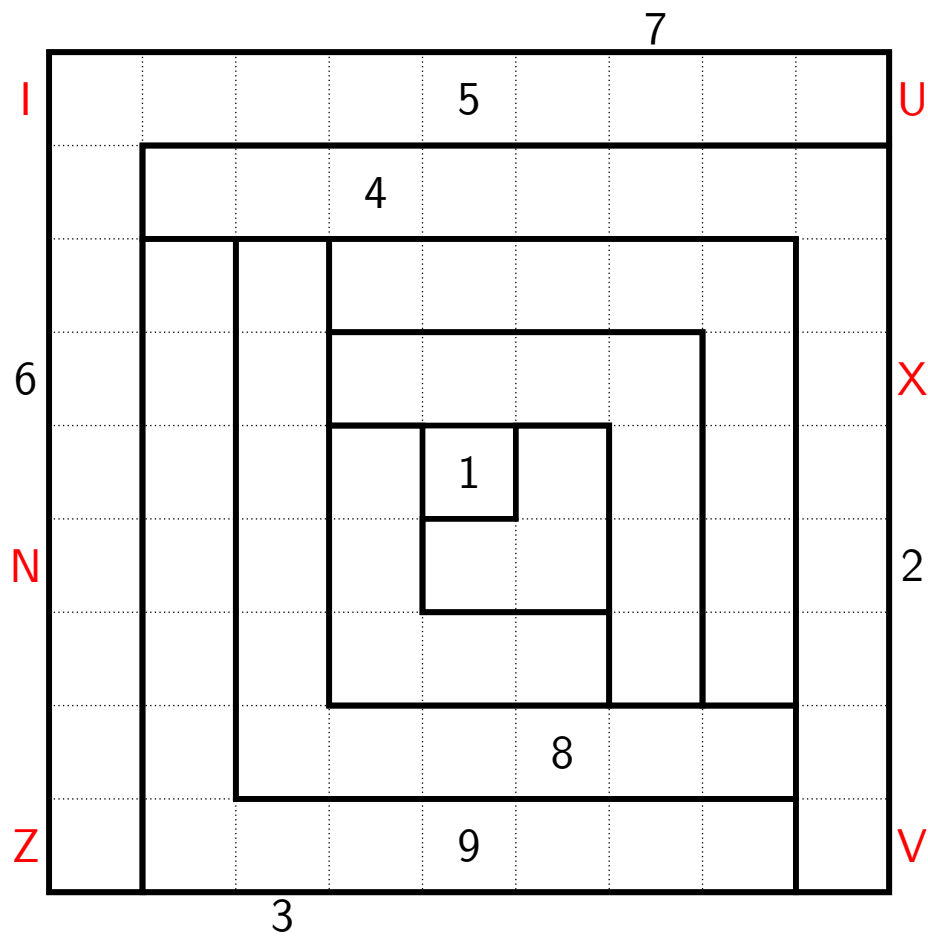
{1:1, 2:[2, 3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

digit(s) 3 cannot be assigned to any hook



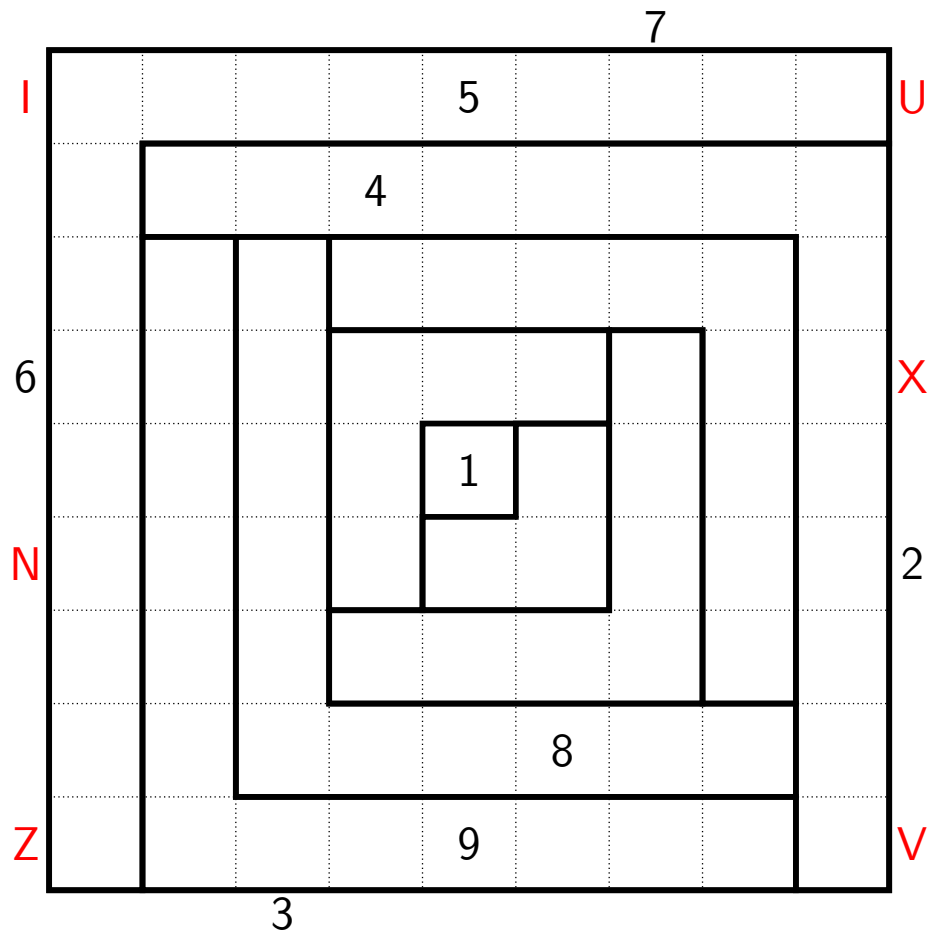
{1:1, 2:[2, 3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

digit(s) 3 cannot be assigned to any hook



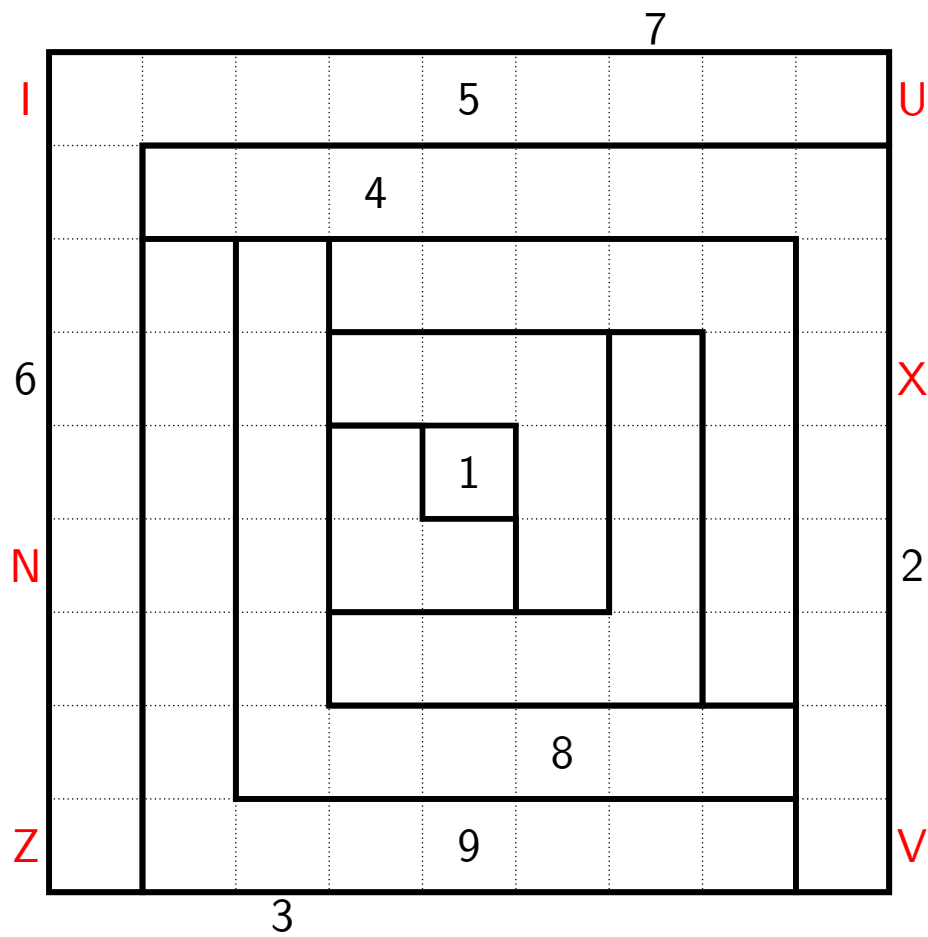
{1:1, 2:[2, 3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

digit(s) 3 cannot be assigned to any hook



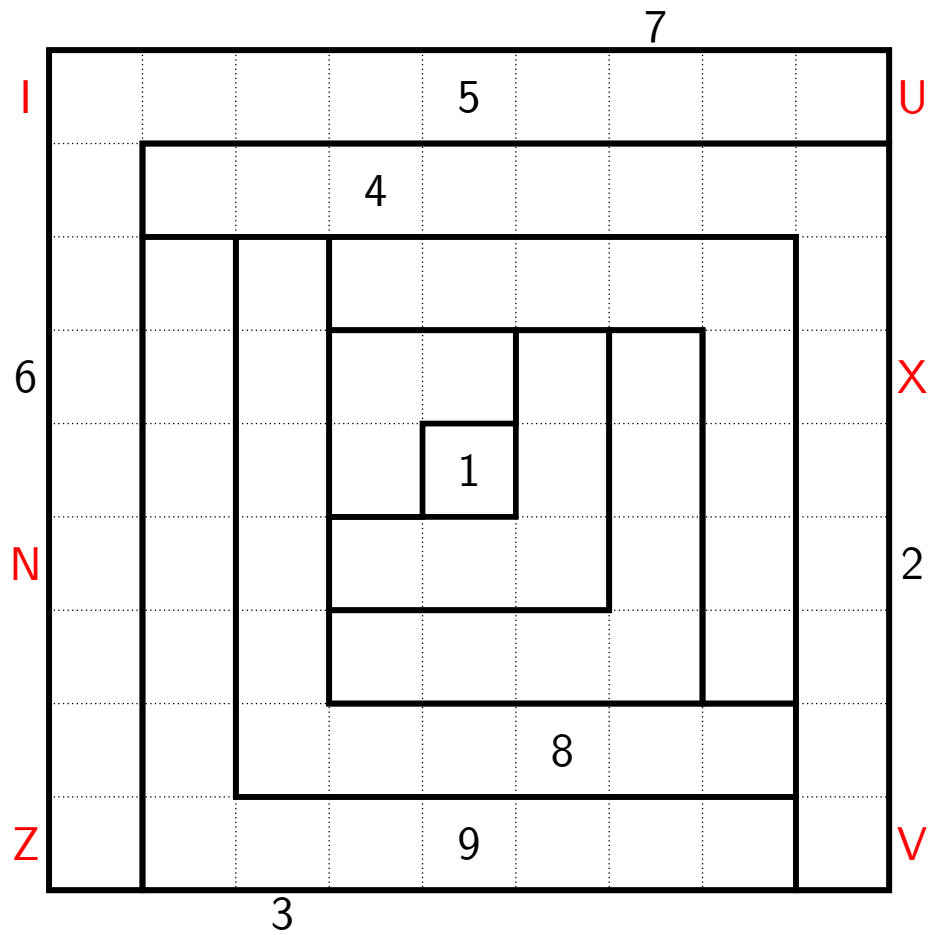
{1:1, 2:[2, 3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

digit(s) 3 cannot be assigned to any hook



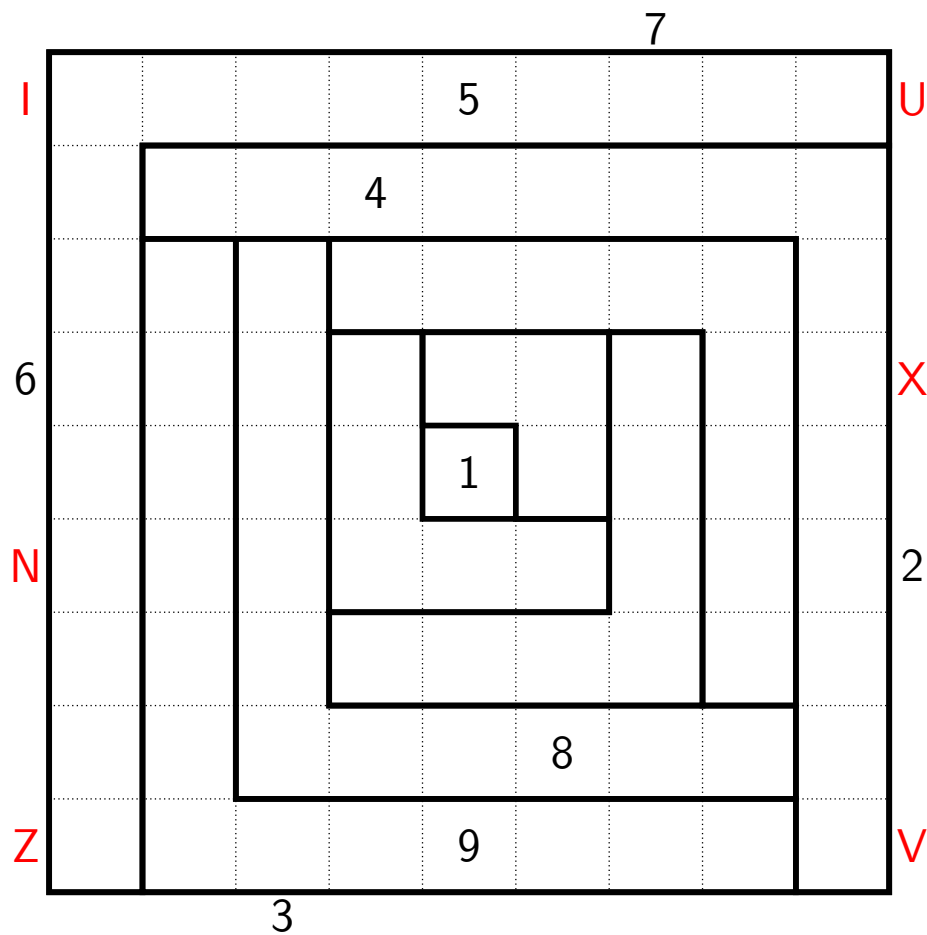
{1:1, 2:[2, 3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

digit(s) 3 cannot be assigned to any hook



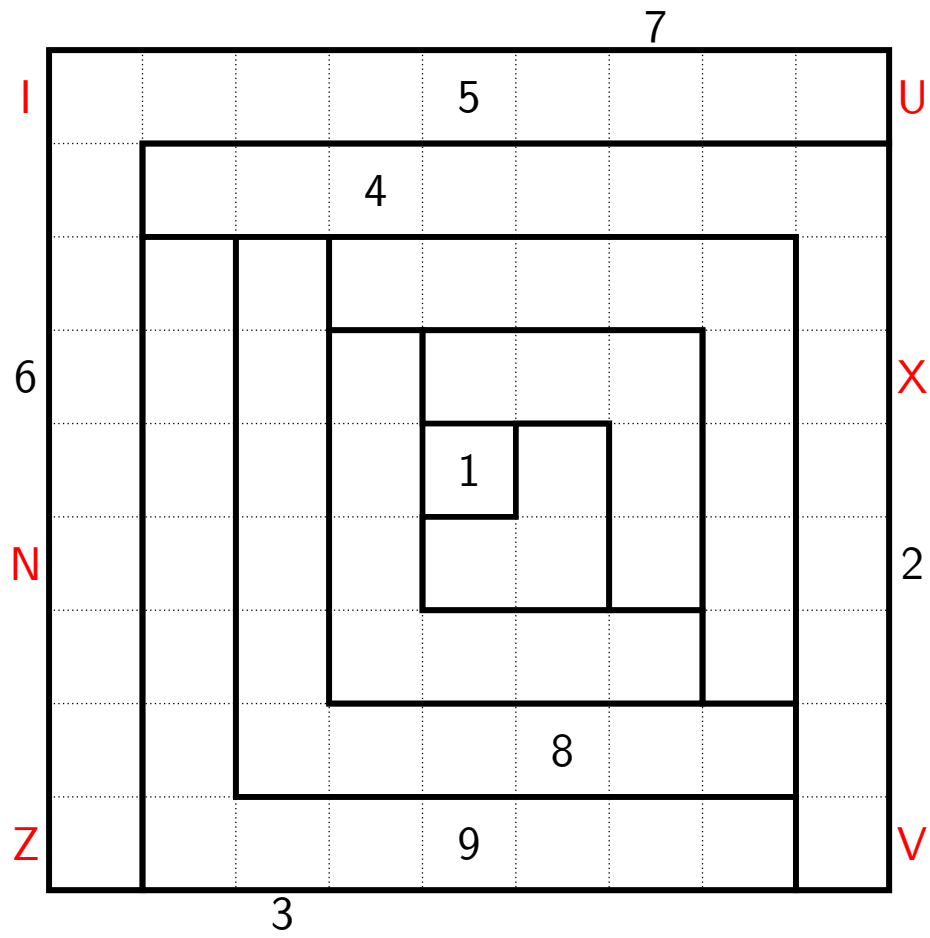
```
{1:1, 2:[3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}
```

digit(s) 3 cannot be assigned to any hook



{1:1, 2:[3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

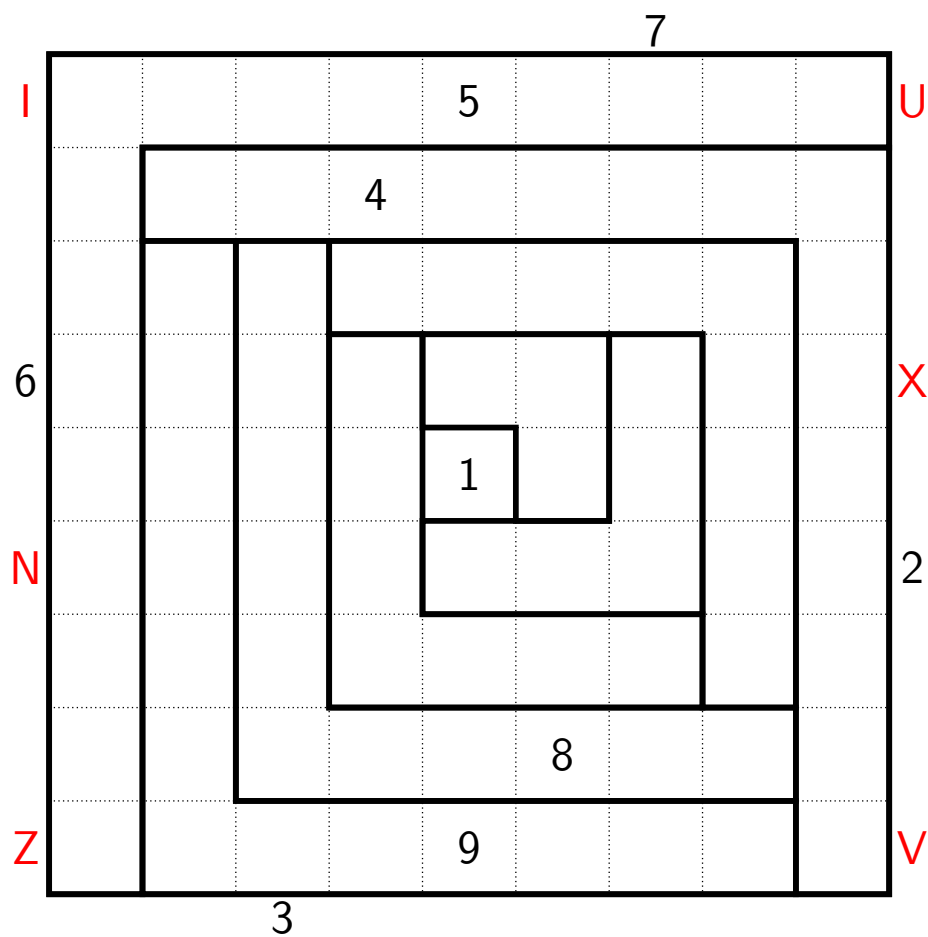
digit(s) 3 cannot be assigned to any hook



{1:1, 2:[2, 3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

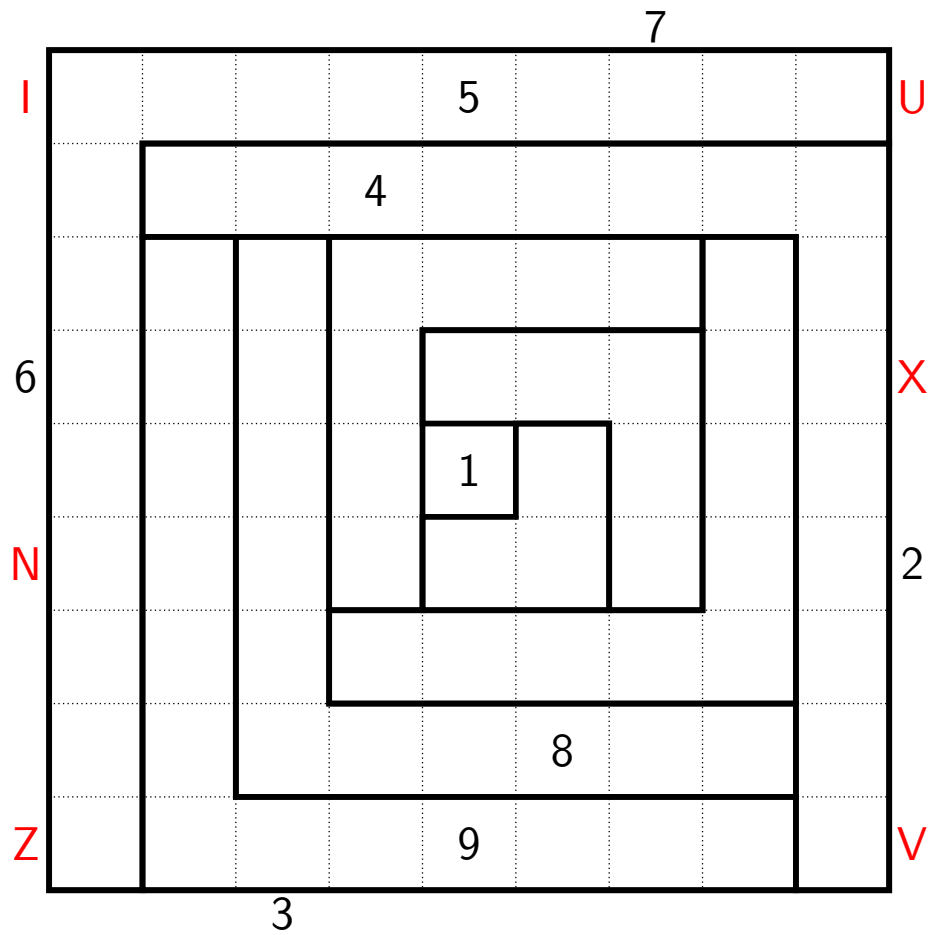
digit(s) 3 cannot be assigned to any hook





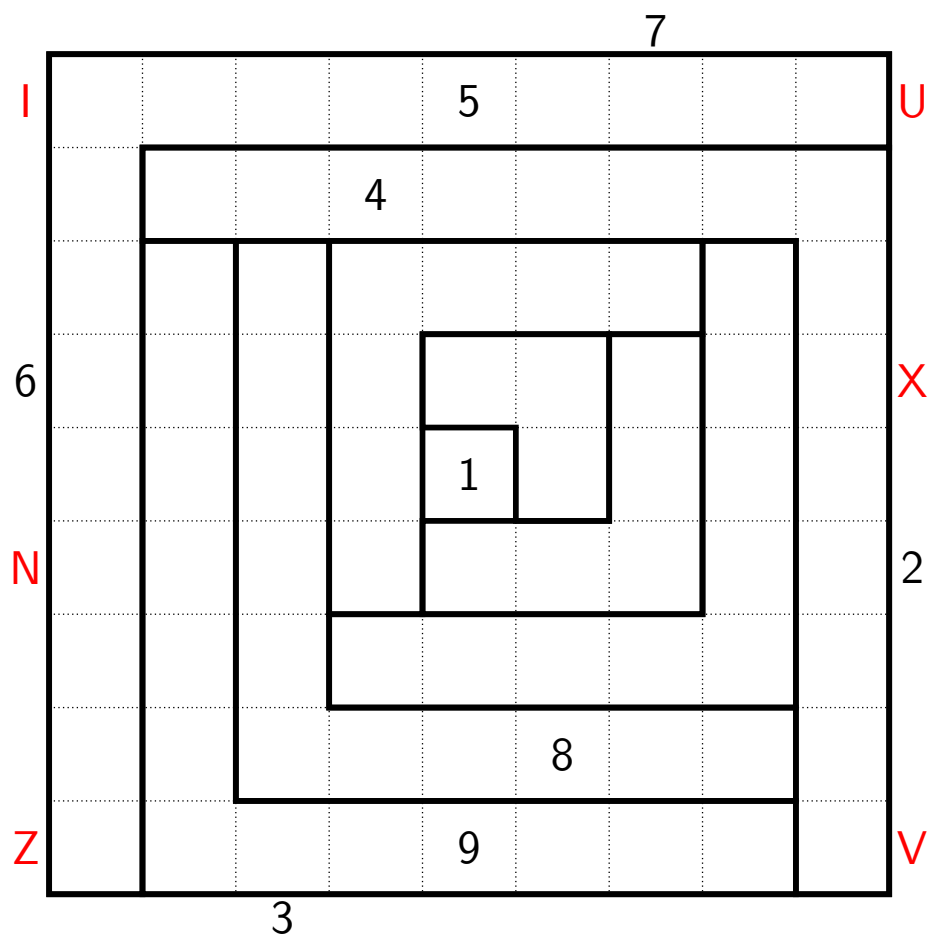
{1:1, 2:[3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

digit(s) 3 cannot be assigned to any hook



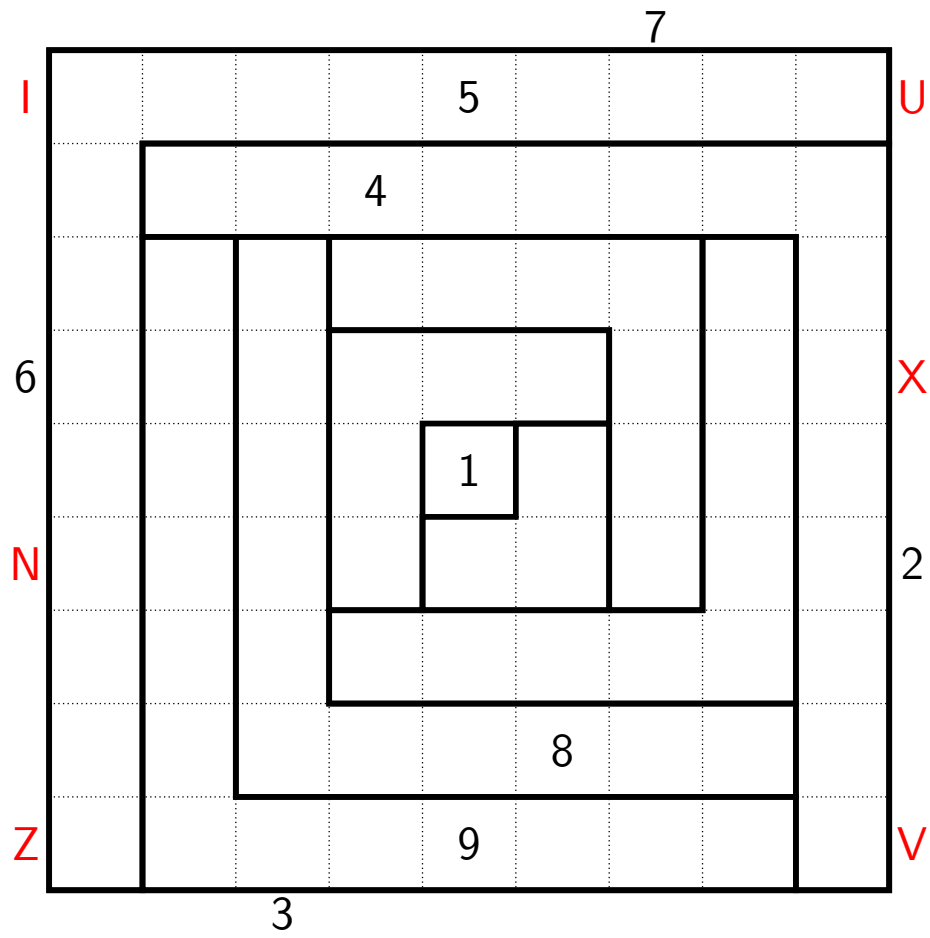
{1:1, 2:[2, 3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

digit(s) 3 cannot be assigned to any hook



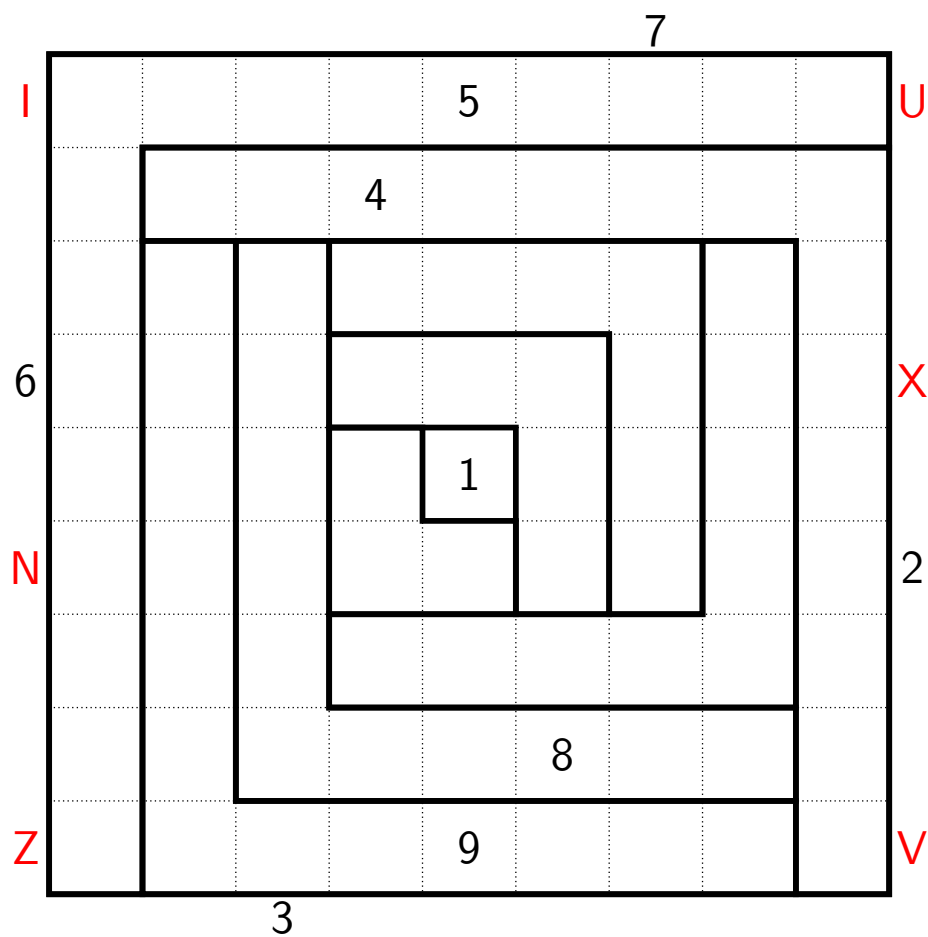
{1:1, 2:[3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

digit(s) 3 cannot be assigned to any hook



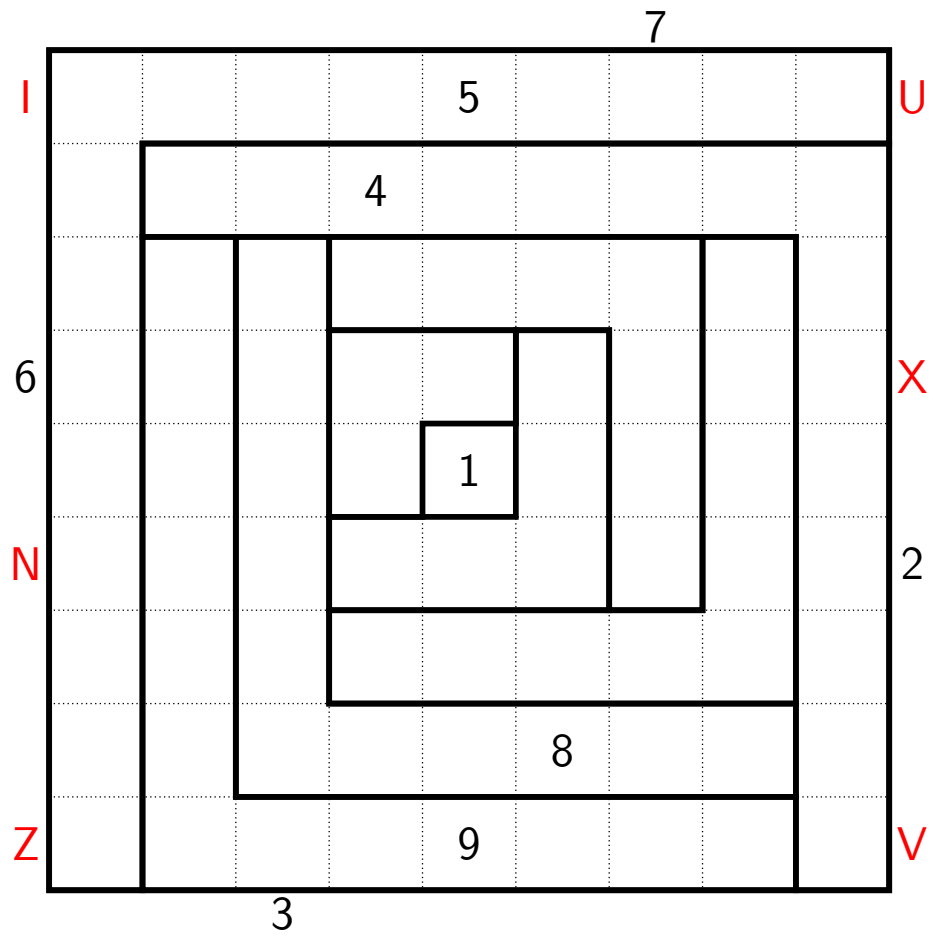
{1:1, 2:[2, 3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

digit(s) 3 cannot be assigned to any hook



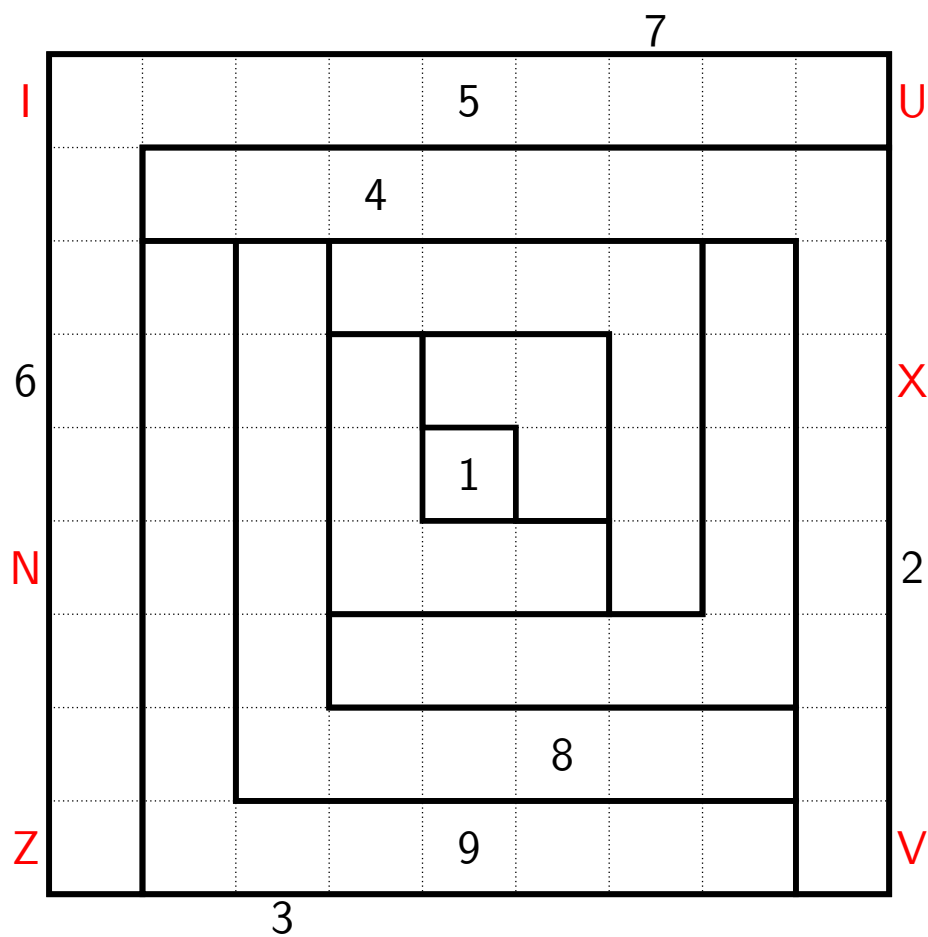
{1:1, 2:[2, 3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

digit(s) 3 cannot be assigned to any hook



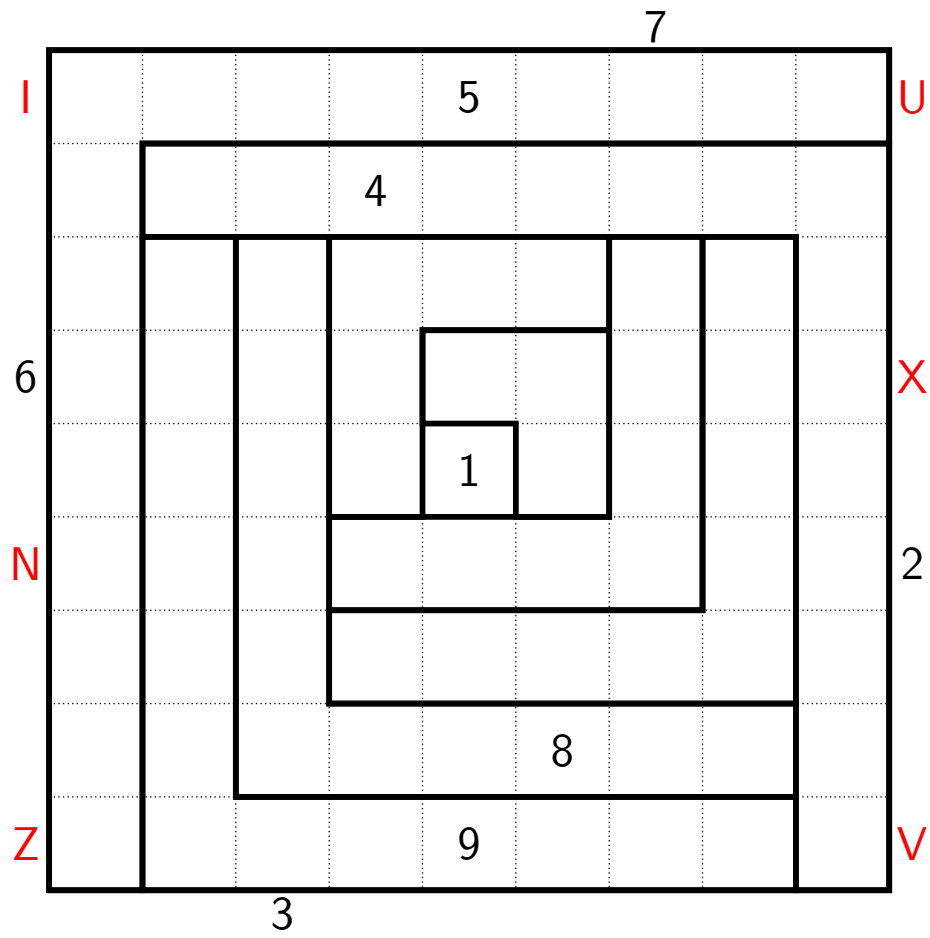
{1:1, 2:[3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

digit(s) 3 cannot be assigned to any hook



{1:1, 2:[3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

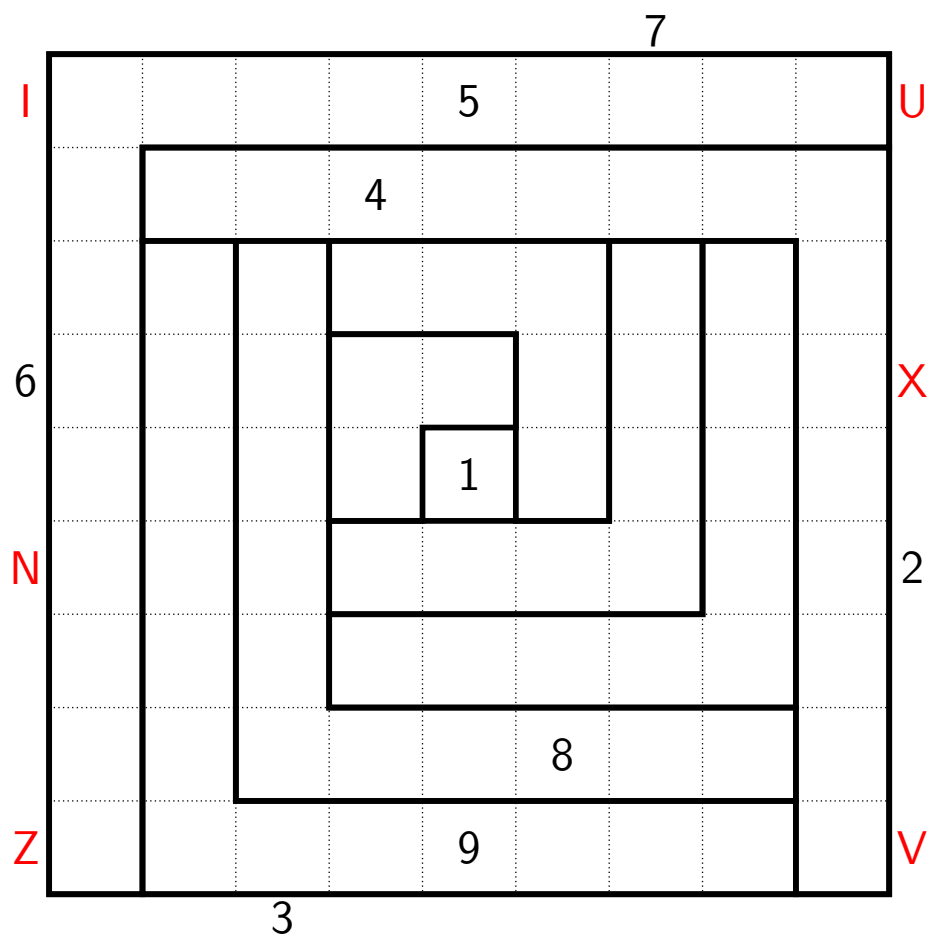
digit(s) 3 cannot be assigned to any hook



{1:1, 2:[4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

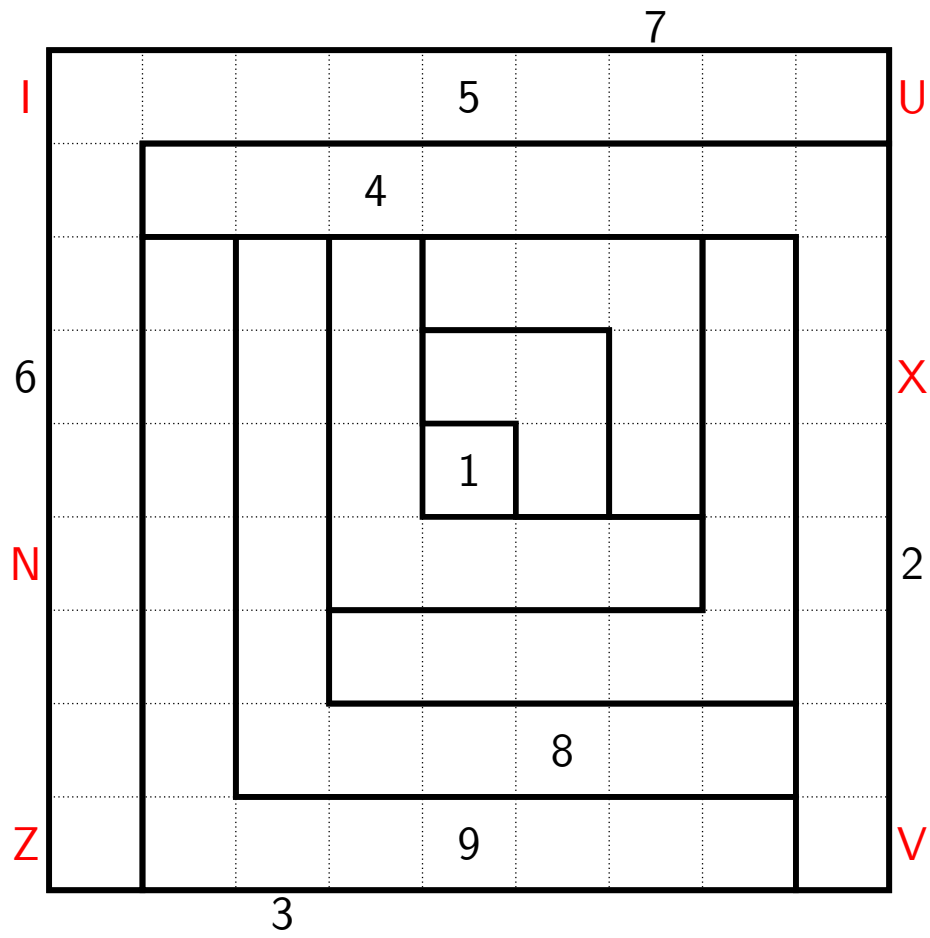
there are more uncertain digits (2,6,7) than available hooks (4,5)





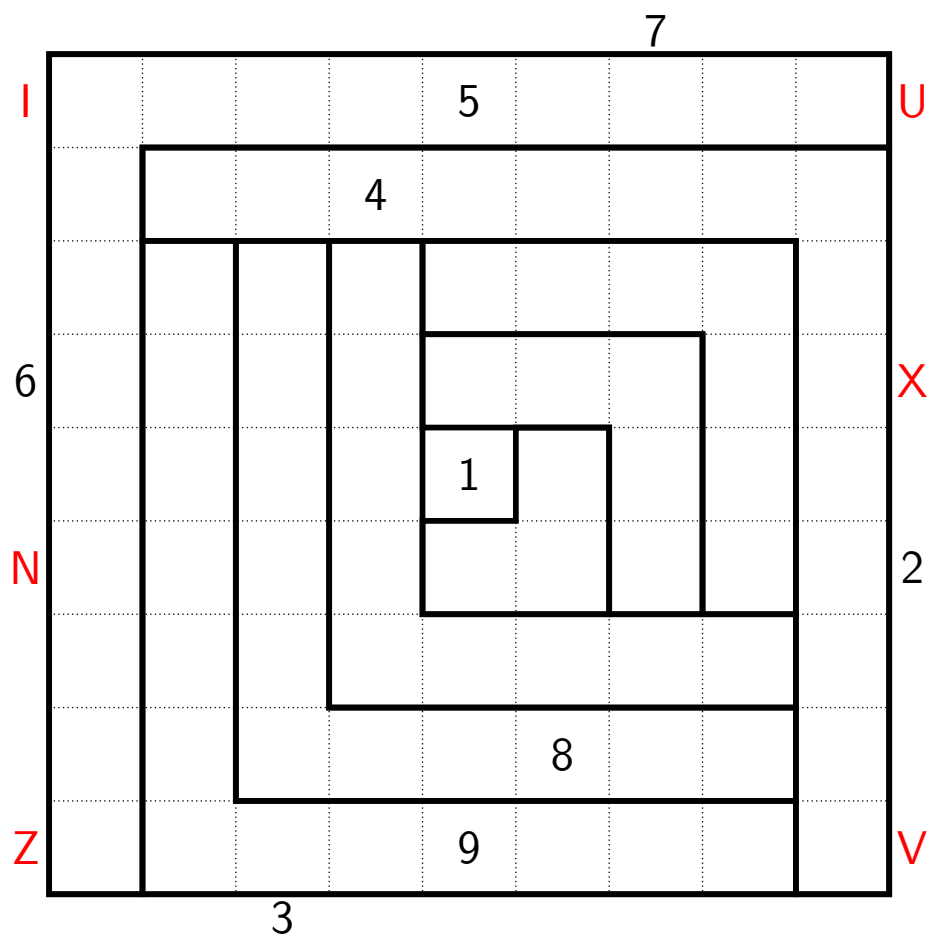
{1:1, 2:[4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

there are more uncertain digits (2,6,7) than available hooks (4,5)



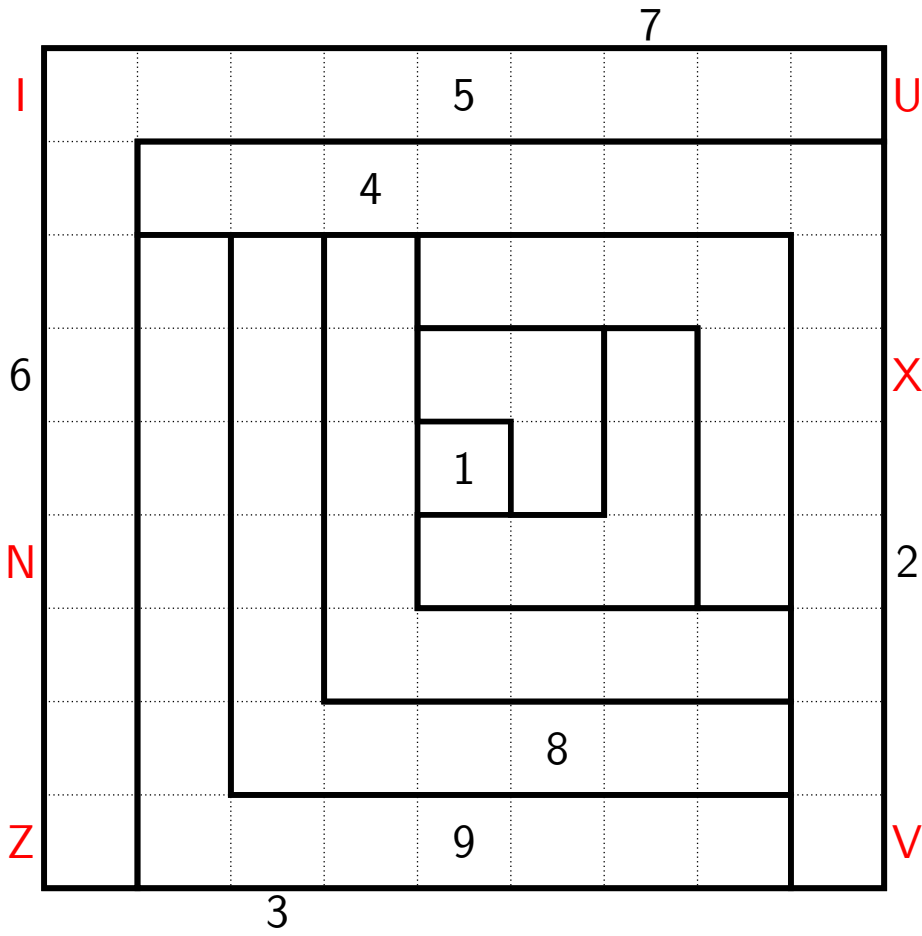
{1:1, 2:[4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

there are more uncertain digits (2,6,7) than available hooks (4,5)



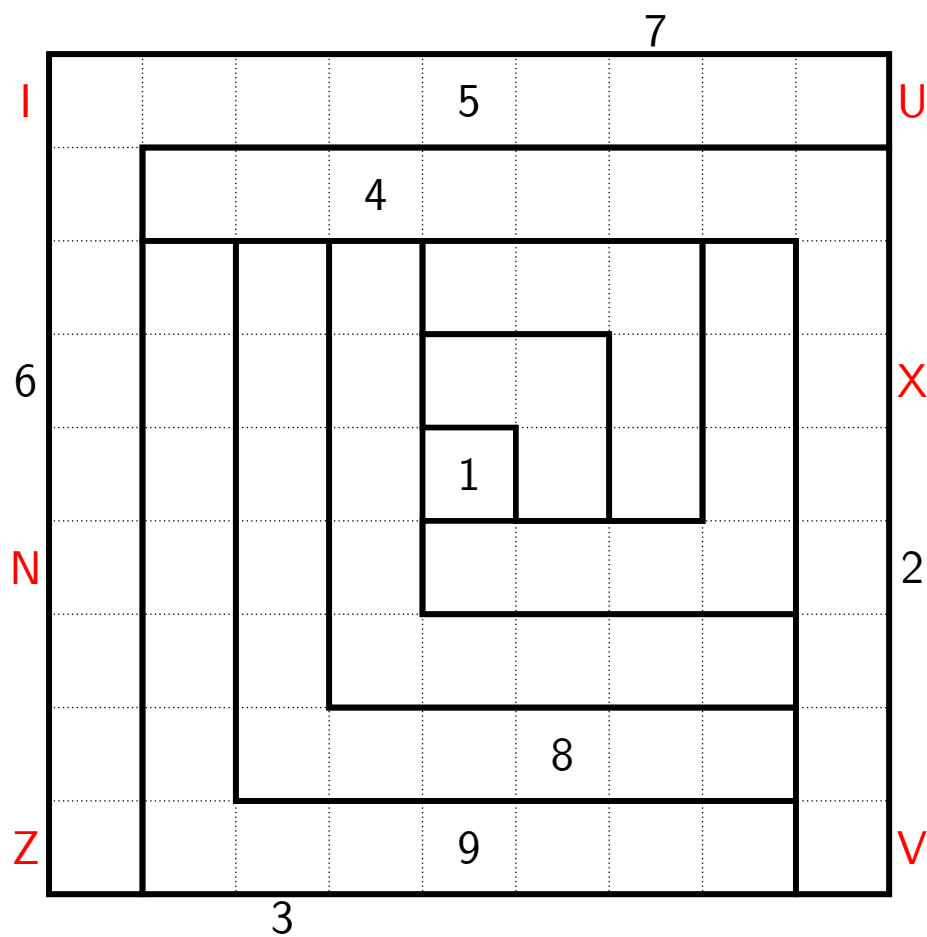
{1:1, 2:[2, 3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

digit(s) 3 cannot be assigned to any hook



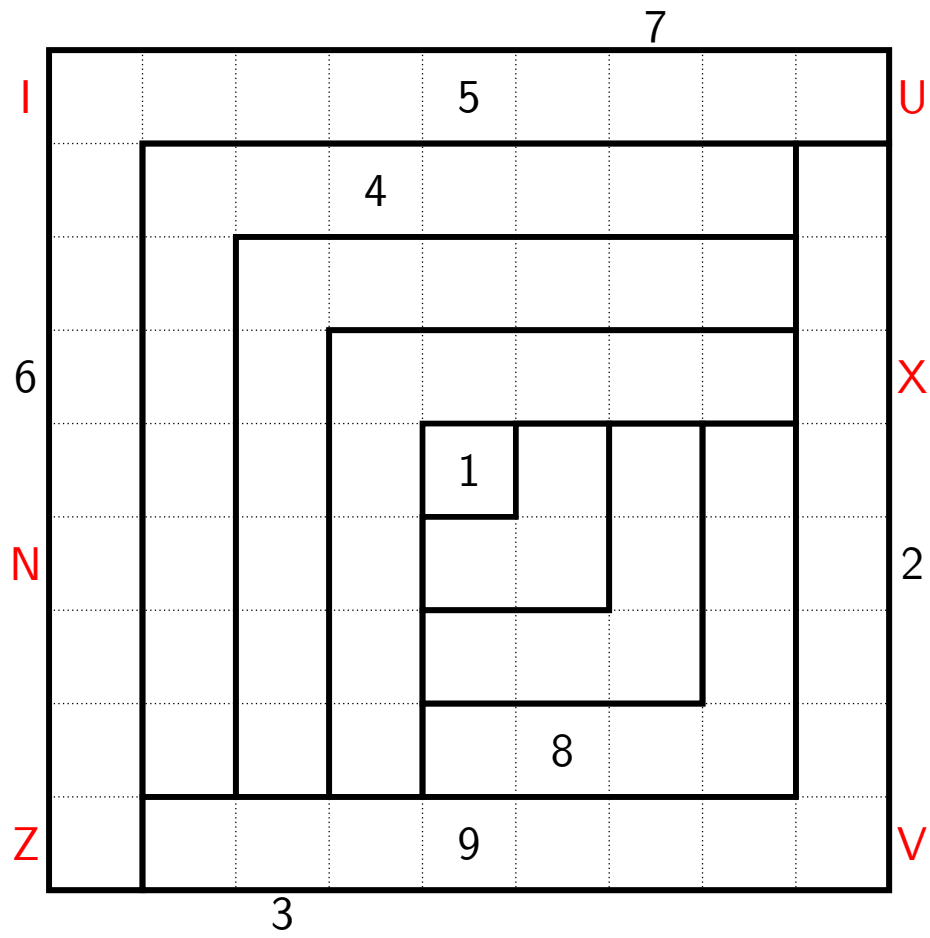
```
{1:1, 2:[3, 4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}
```

```
digit(s) 3 cannot be assigned to any hook
```



{1:1, 2:[4, 5], 3:[], 4:8, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:7}

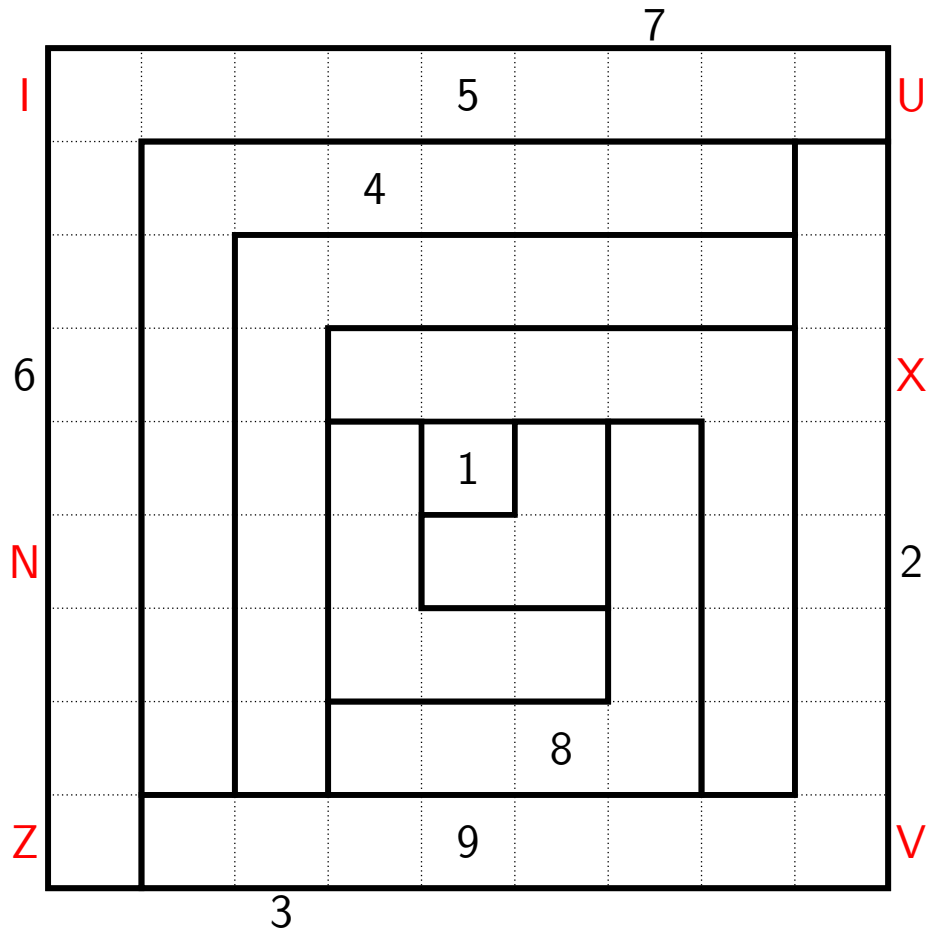
there are more uncertain digits (2,6,7) than available hooks (4,5)



{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:8}

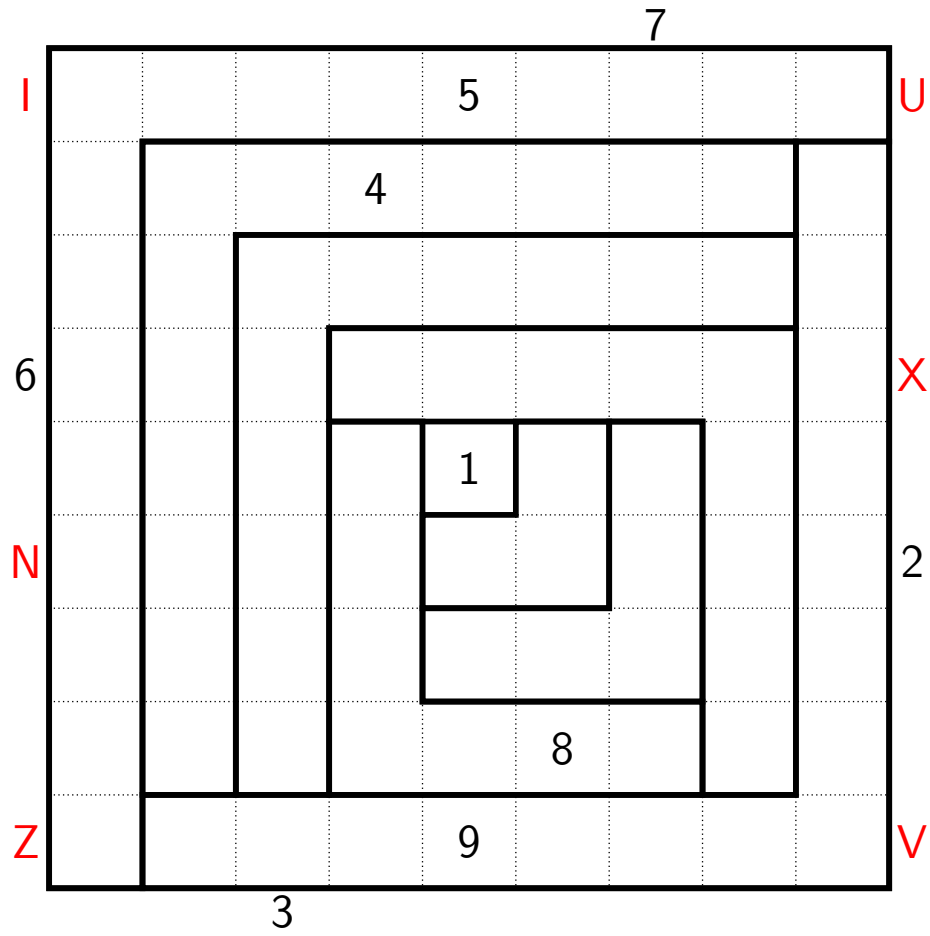
hook 4 is too small for digit 8

```
hook 4 is too small for digit 8
```

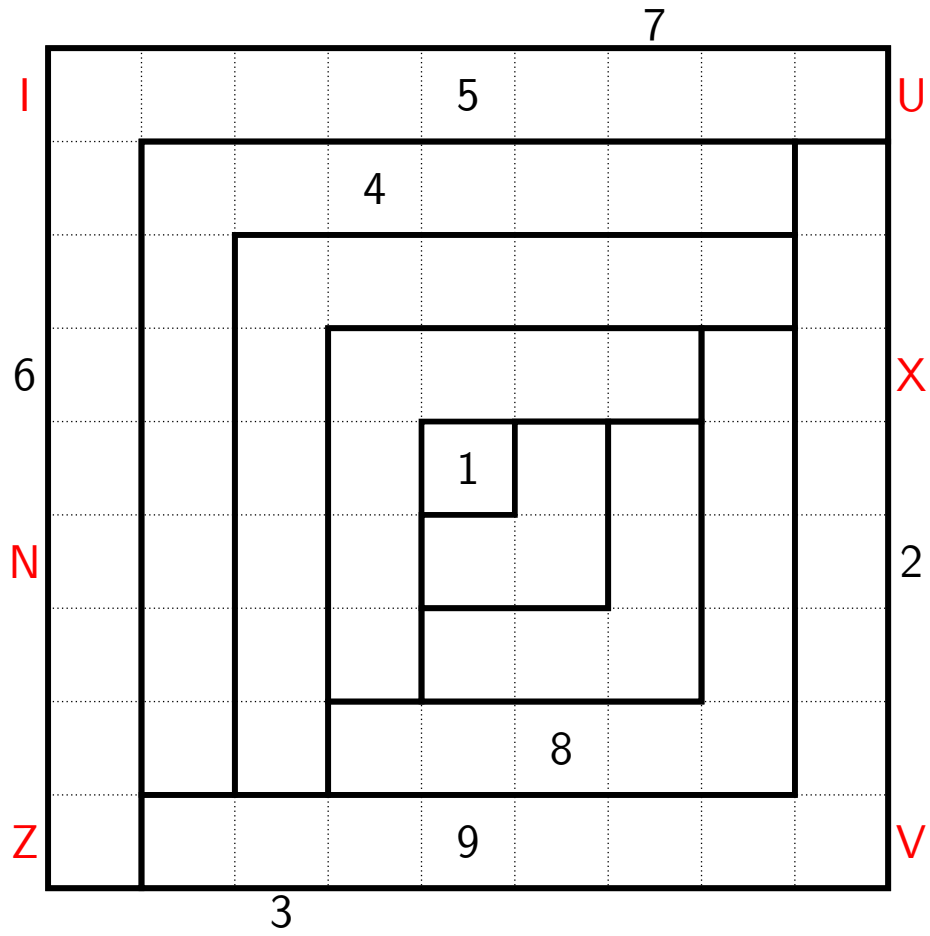

$$\{1:1, 2:\square, 3:\square, 4:\square, 5:\square, 6:\square, 7:\square, 8:\square, 9:8\}$$

```
hook 4 is too small for digit 8
```




$$\{1:1, 2:\square, 3:\square, 4:\square, 5:\square, 6:\square, 7:\square, 8:\square, 9:8\}$$

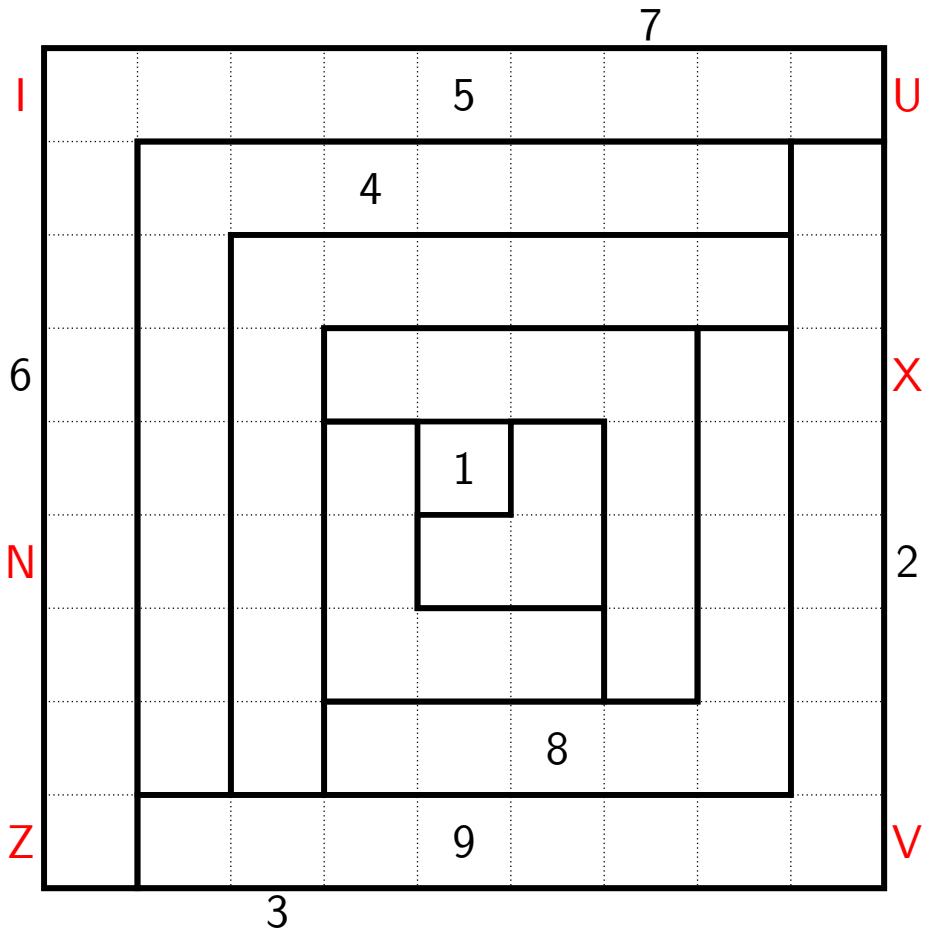
```
hook 4 is too small for digit 8
```



```
{1:1, 2:[2, 3], 3:6, 4:7, 5:9, 6:4, 7:[], 8:5, 9:8}
```

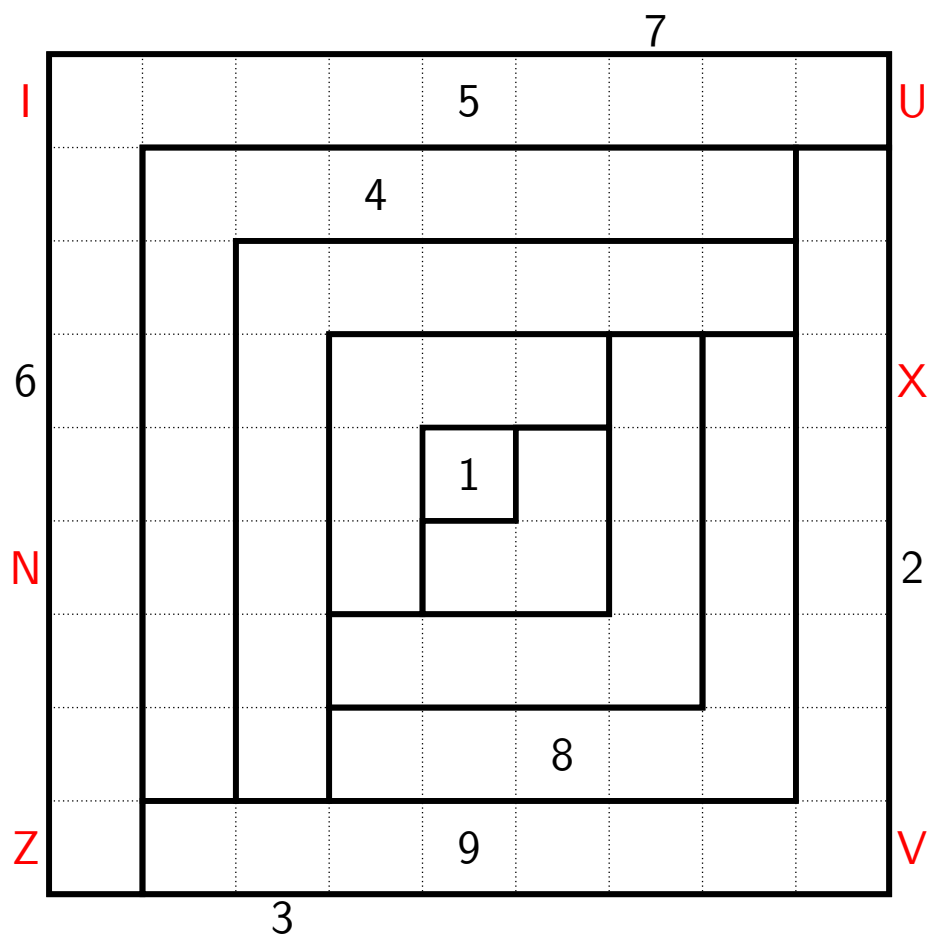
digit(s) 7 cannot be assigned to any hook

```
digit(s) 7 cannot be assigned to any hook
```



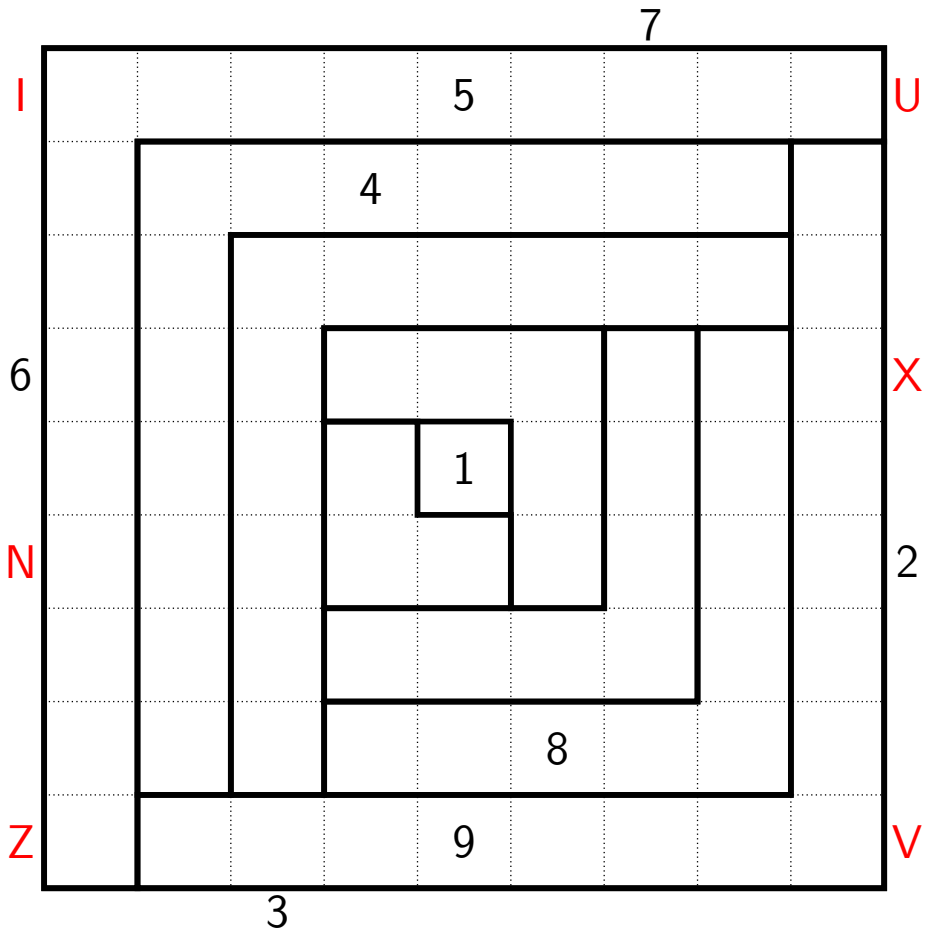
```
{1:1, 2:[2, 3], 3:6, 4:7, 5:9, 6:4, 7:[], 8:5, 9:8}
```

digit(s) 7 cannot be assigned to any hook



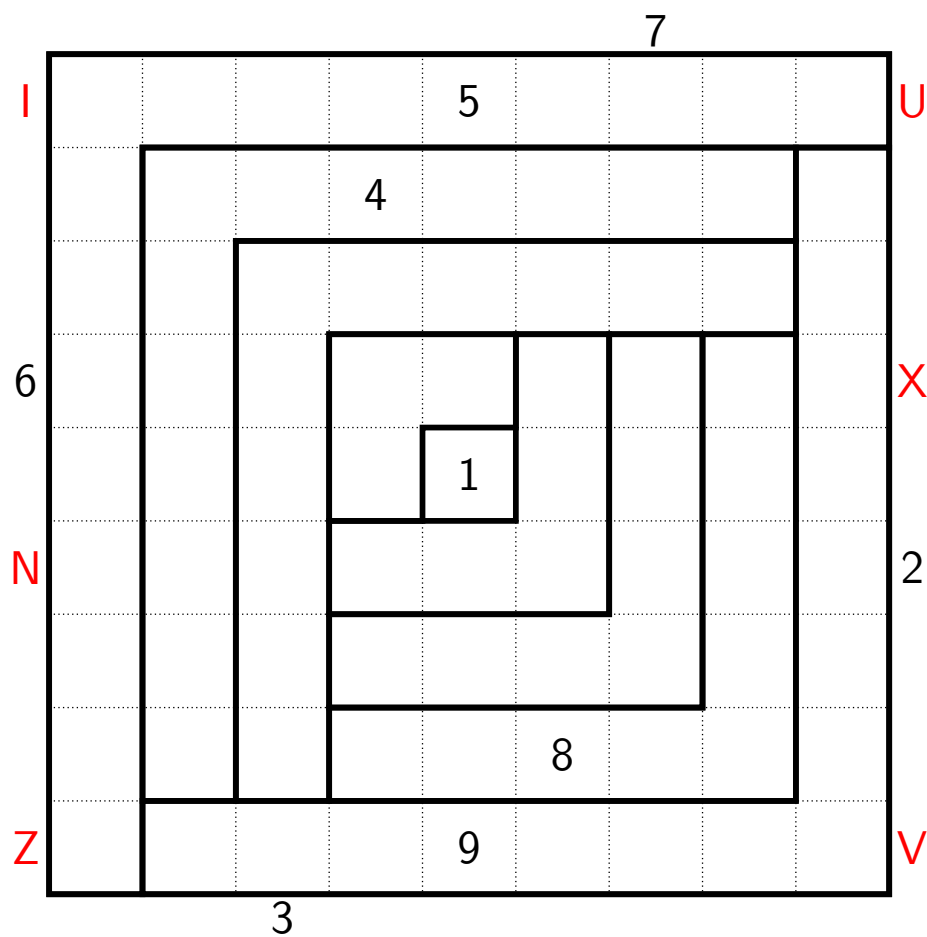
{1:1, 2:[2, 3], 3:6, 4:7, 5:9, 6:4, 7:[], 8:5, 9:8}

digit(s) 7 cannot be assigned to any hook



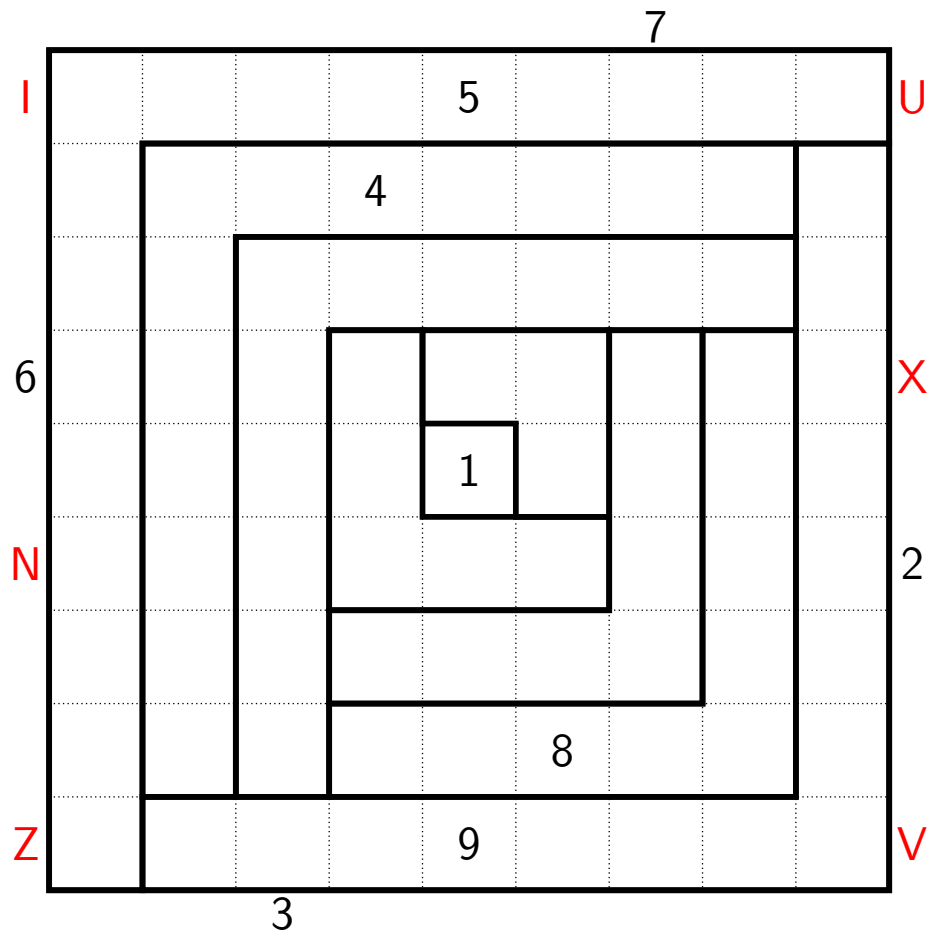
```
{1:1, 2:[2, 3], 3:6, 4:7, 5:9, 6:4, 7:[], 8:5, 9:8}
```

```
digit(s) 7 cannot be assigned to any hook
```



{1:1, 2:3, 3:6, 4:7, 5:9, 6:4, 7:[], 8:5, 9:8}

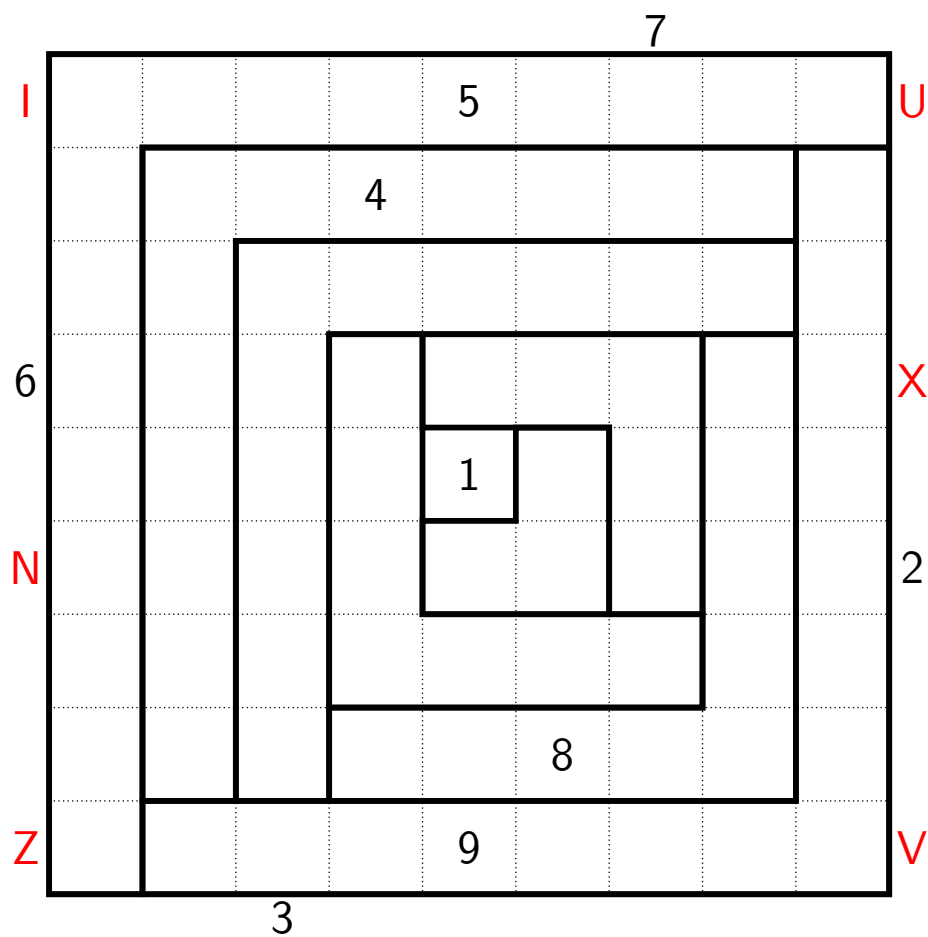
digit(s) 7 cannot be assigned to any hook



{1:1, 2:3, 3:6, 4:7, 5:9, 6:4, 7:[], 8:5, 9:8}

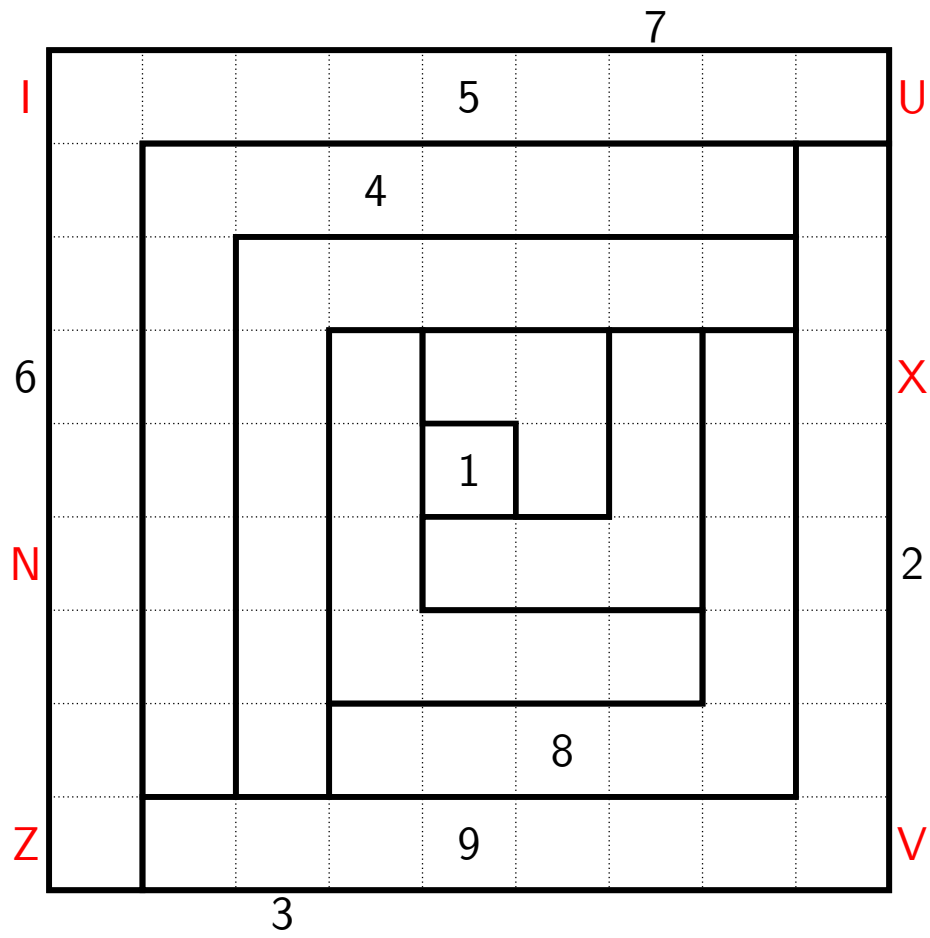
digit(s) 7 cannot be assigned to any hook





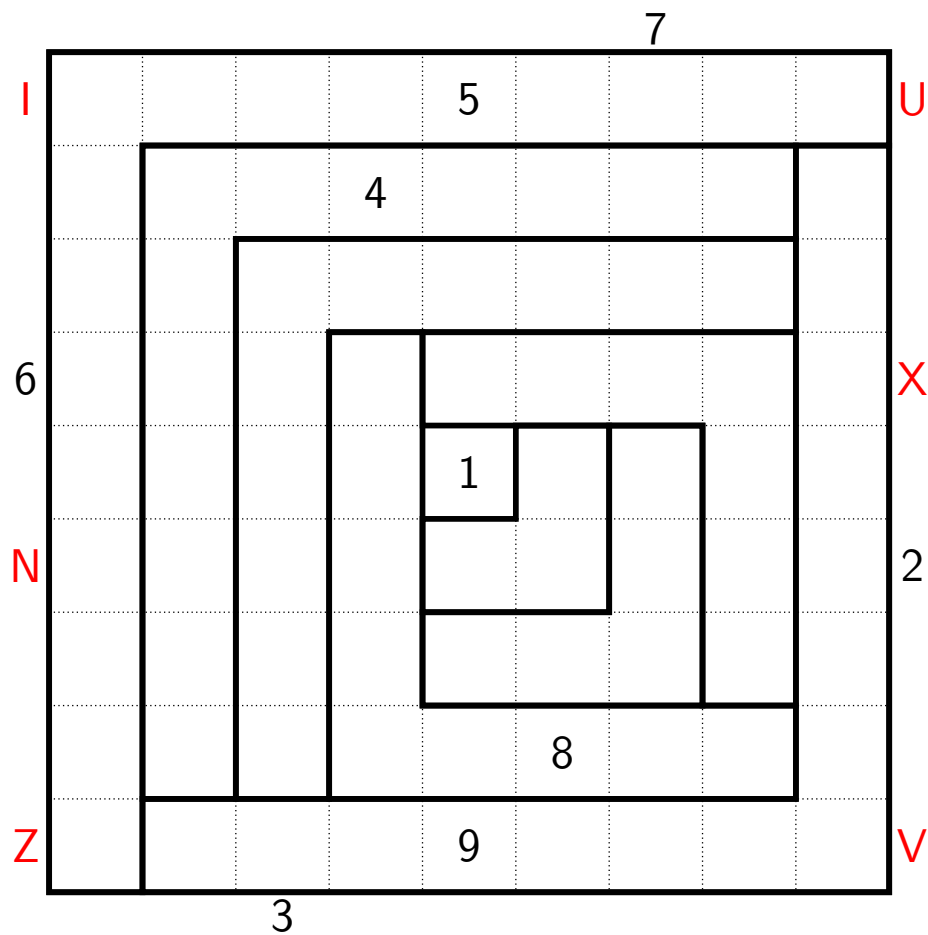
{1:1, 2:[2, 3], 3:6, 4:7, 5:9, 6:4, 7:[], 8:5, 9:8}

digit(s) 7 cannot be assigned to any hook



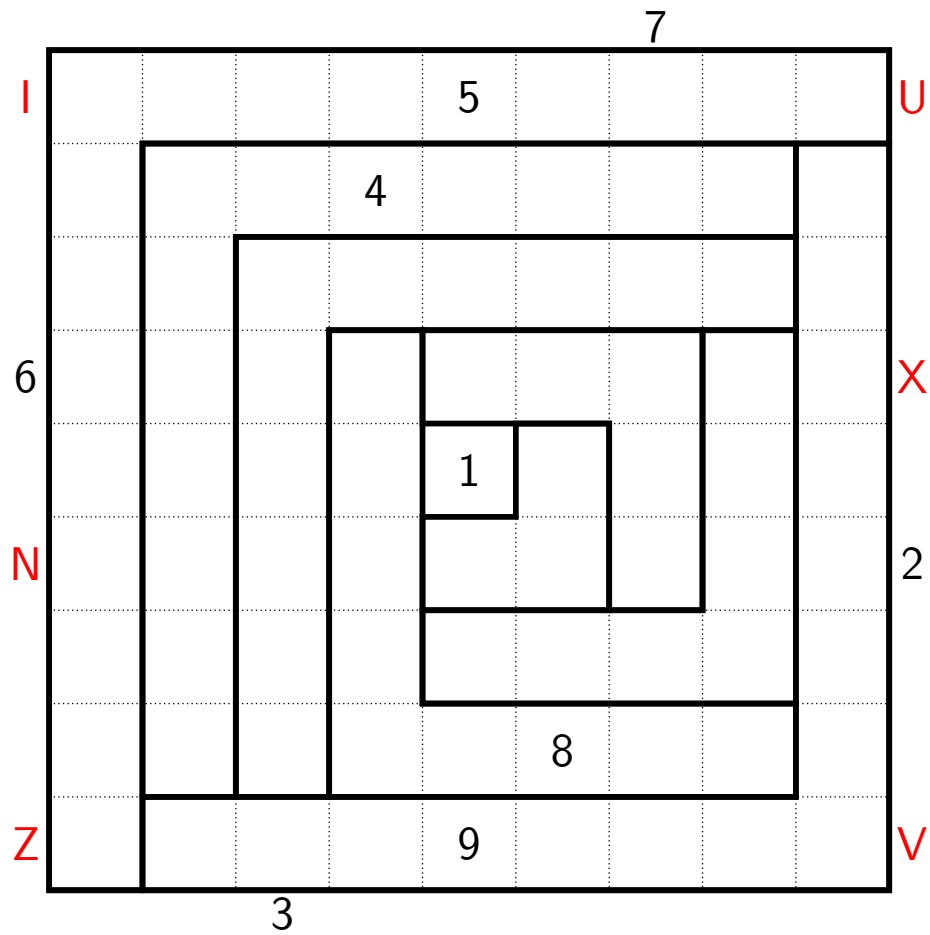
{1:1, 2:3, 3:6, 4:7, 5:9, 6:4, 7:[], 8:5, 9:8}

digit(s) 7 cannot be assigned to any hook



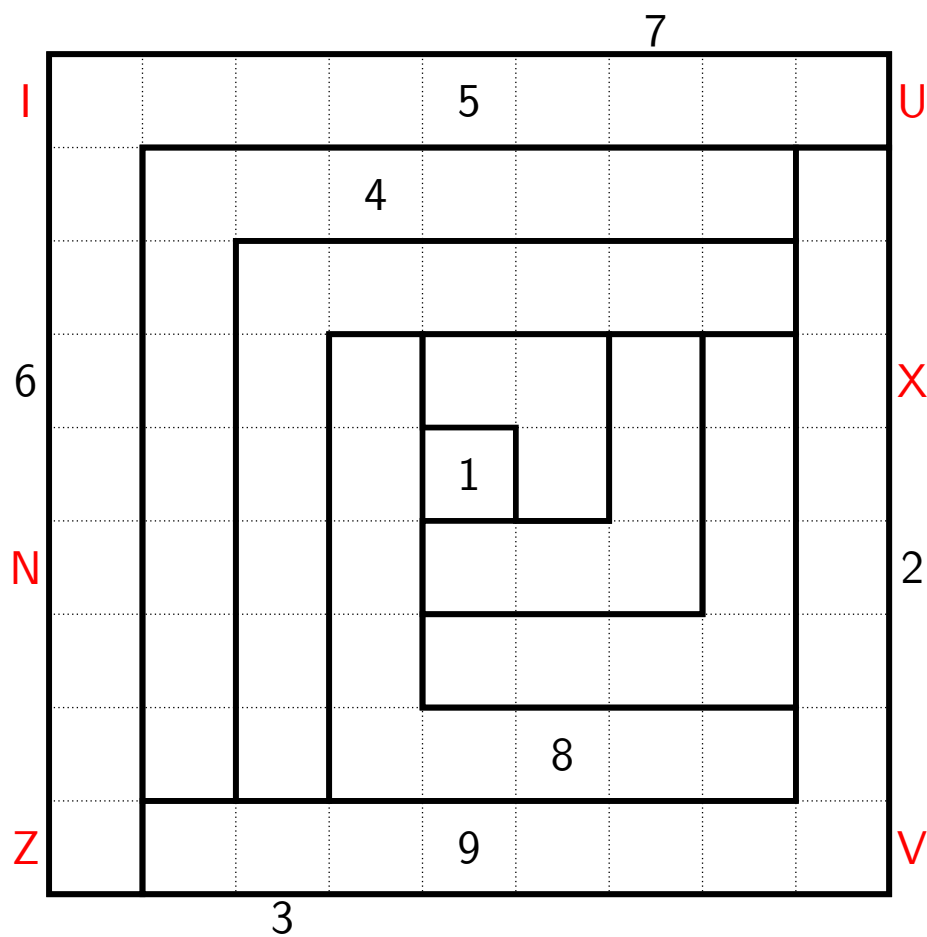
{1:1, 2:[2, 3], 3:6, 4:7, 5:9, 6:4, 7:[], 8:5, 9:8}

digit(s) 7 cannot be assigned to any hook



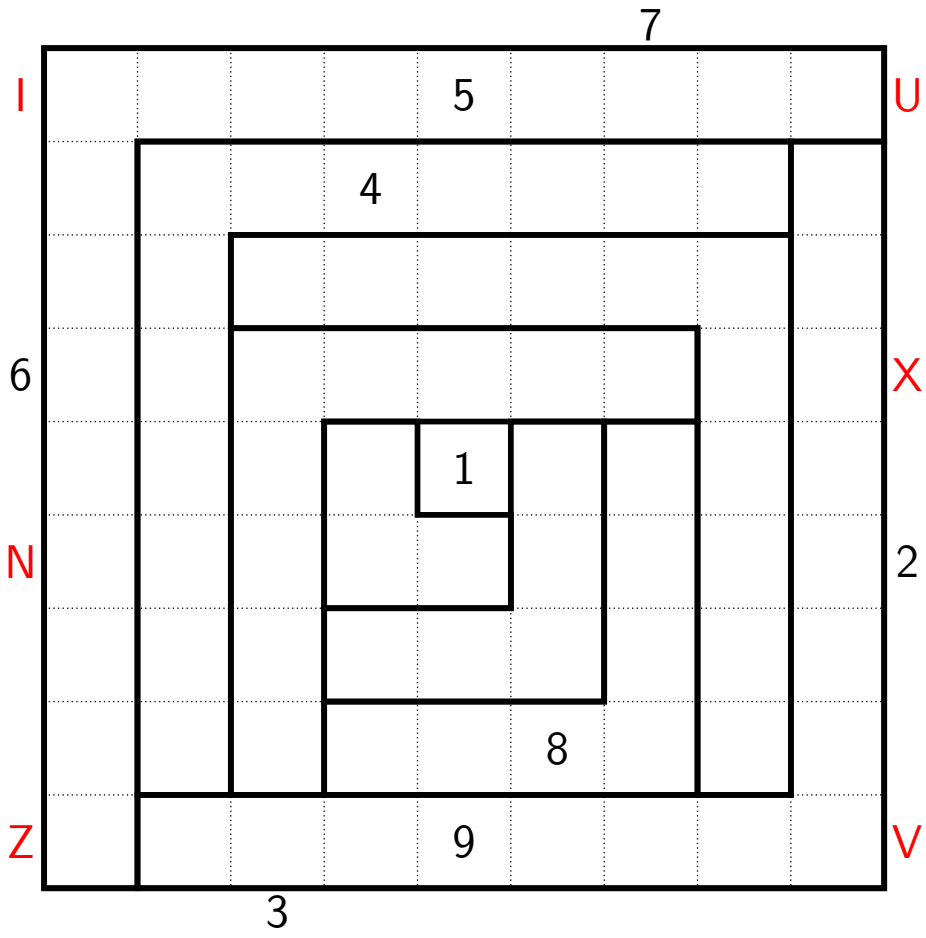
{1:1, 2:[2, 3], 3:6, 4:7, 5:9, 6:4, 7:[], 8:5, 9:8}

digit(s) 7 cannot be assigned to any hook

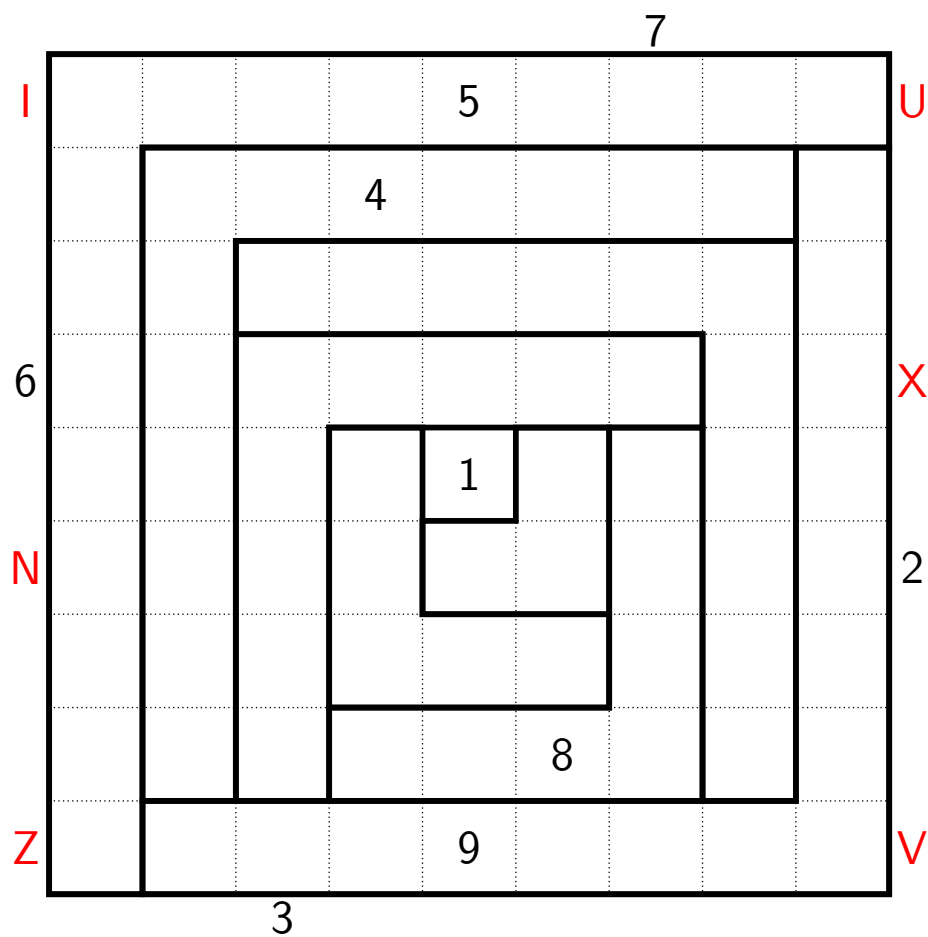


{1:1, 2:3, 3:6, 4:7, 5:9, 6:4, 7:[], 8:5, 9:8}

digit(s) 7 cannot be assigned to any hook

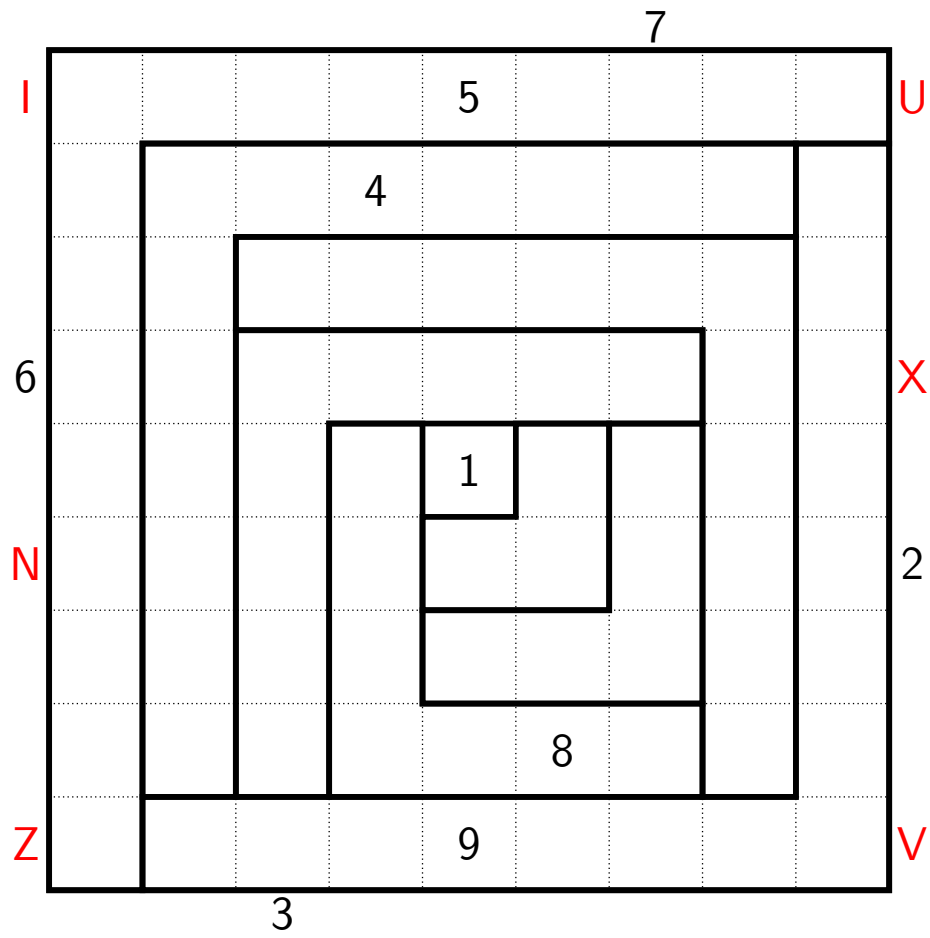

$$\{1:1, 2:\square, 3:\square, 4:\square, 5:\square, 6:\square, 7:\square, 8:\square, 9:8\}$$

```
hook 4 is too small for digit 8
```



{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:8}

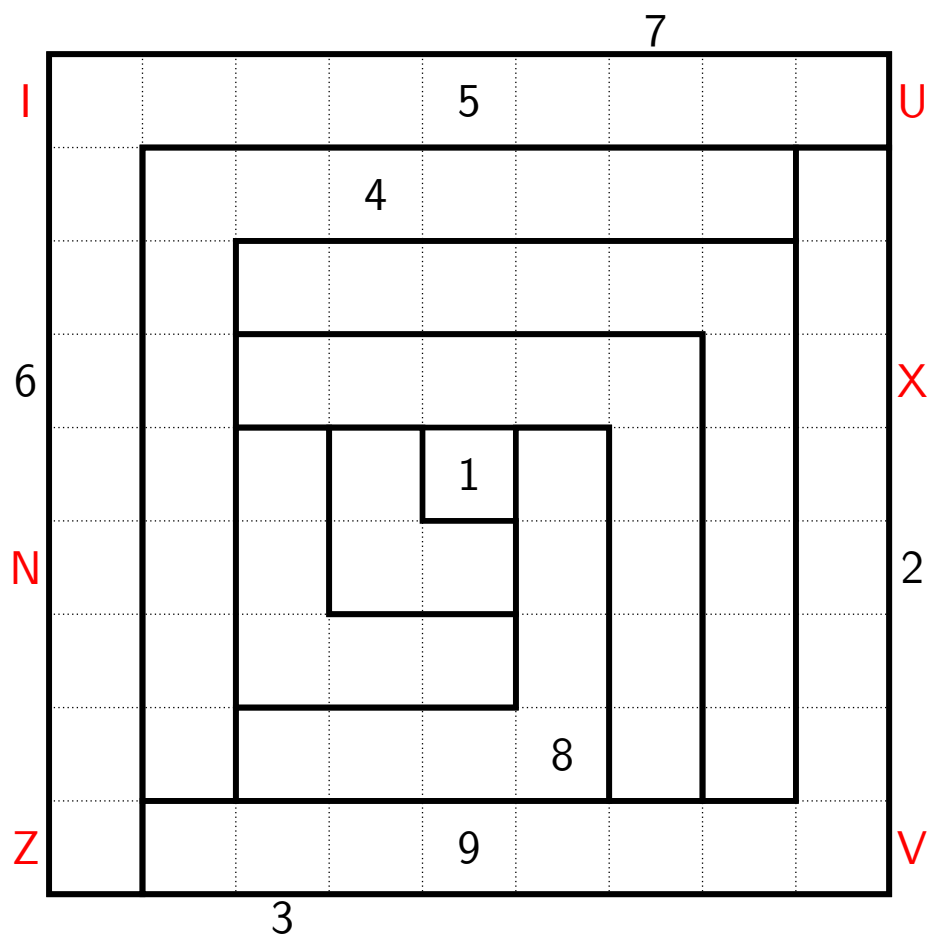
hook 4 is too small for digit 8



{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:8}

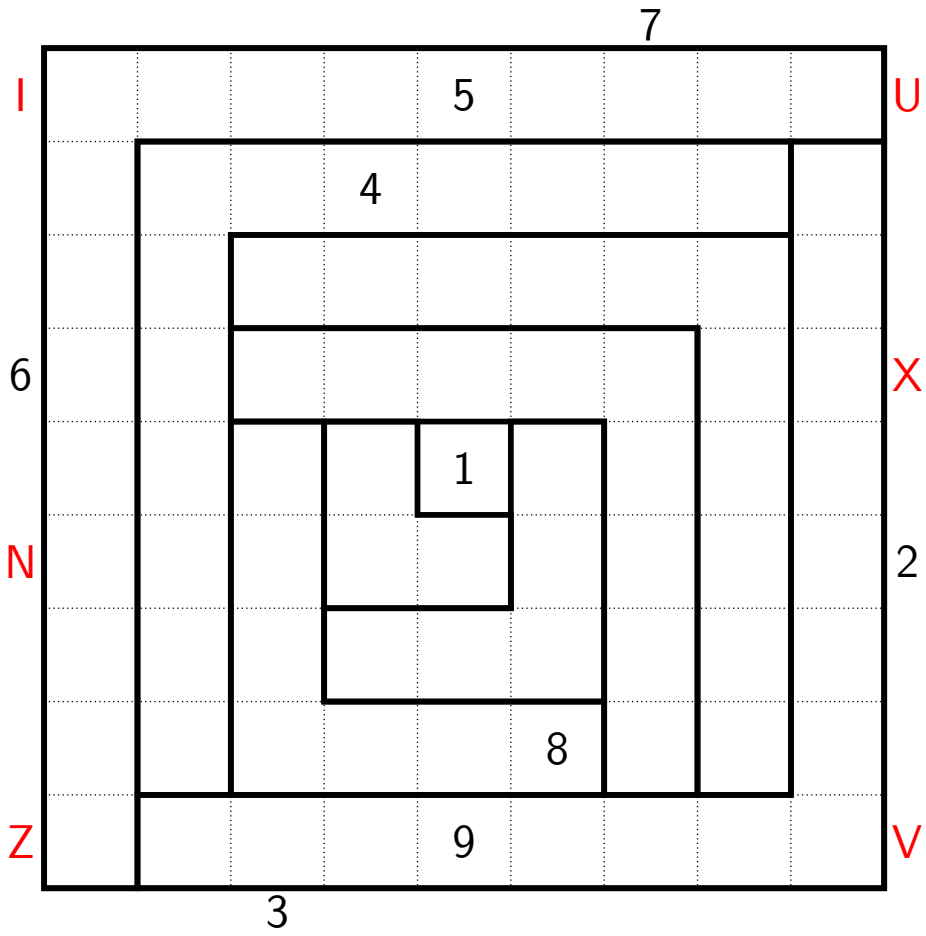
hook 4 is too small for digit 8



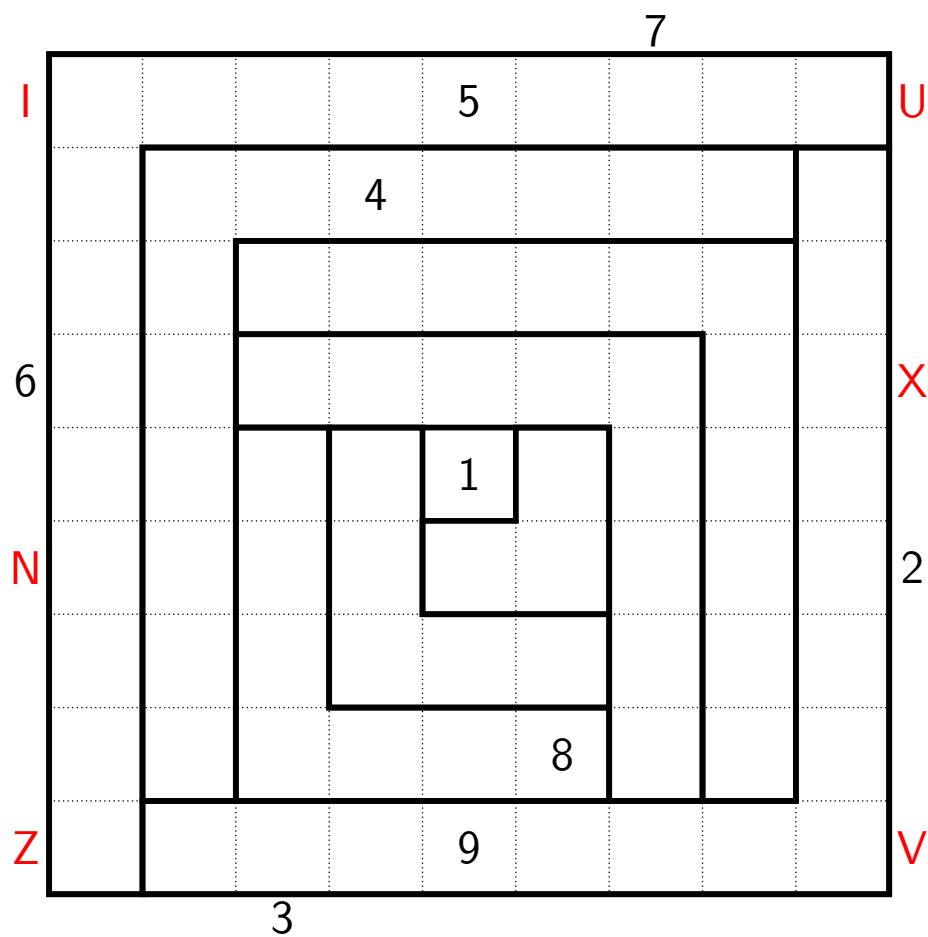


{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:8}

hook 4 is too small for digit 8

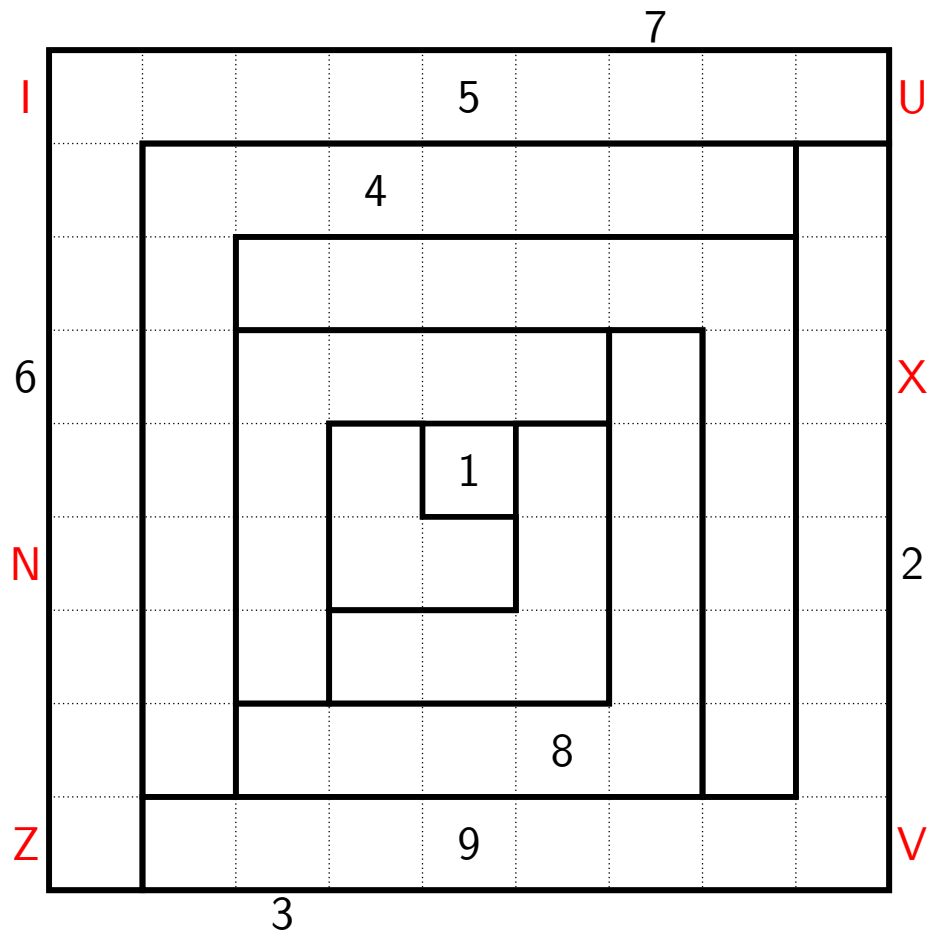

$$\{1:1, 2:\square, 3:\square, 4:\square, 5:\square, 6:\square, 7:\square, 8:\square, 9:8\}$$

```
hook 4 is too small for digit 8
```



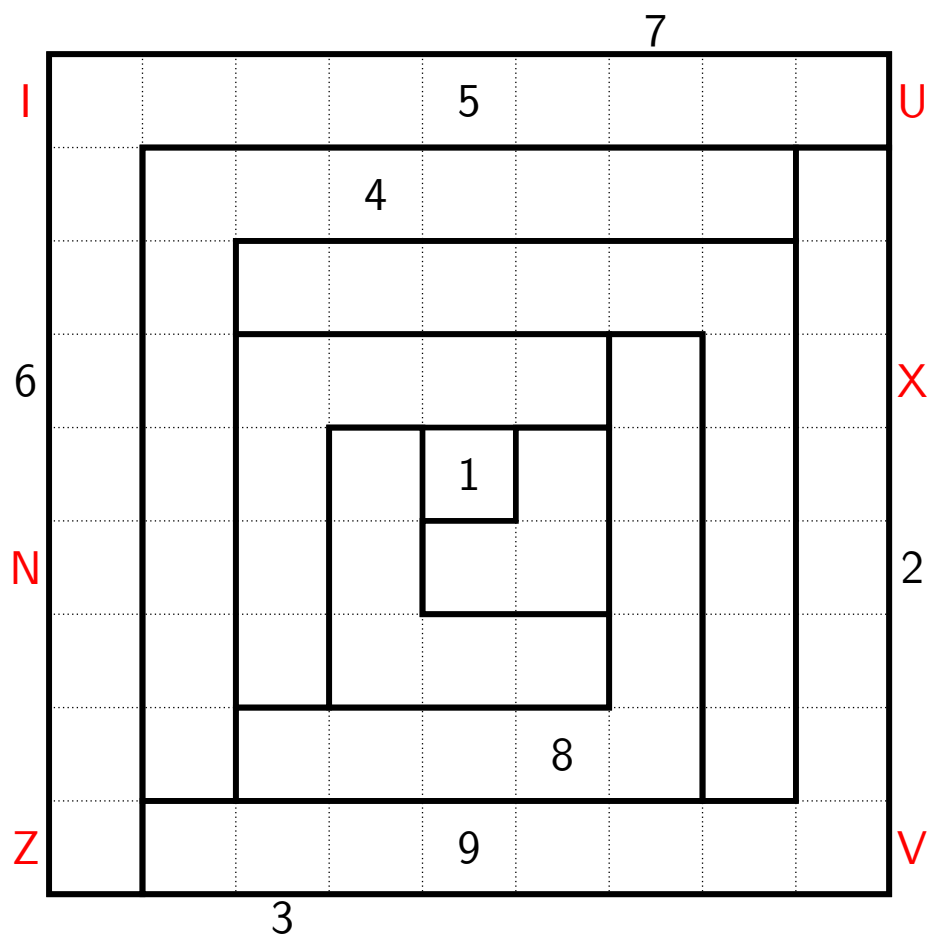
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:8}

hook 4 is too small for digit 8



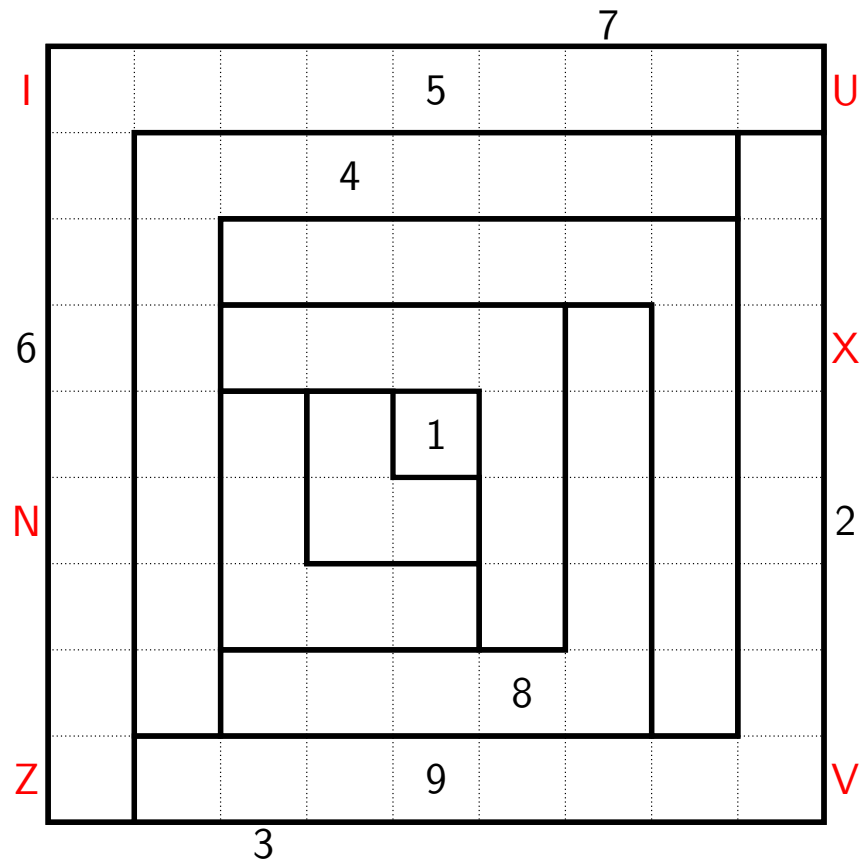
{1:1, 2:[2, 3], 3:4, 4:7, 5:9, 6:4, 7:6, 8:5, 9:8}

digits 3,6 are fighting over hook 4

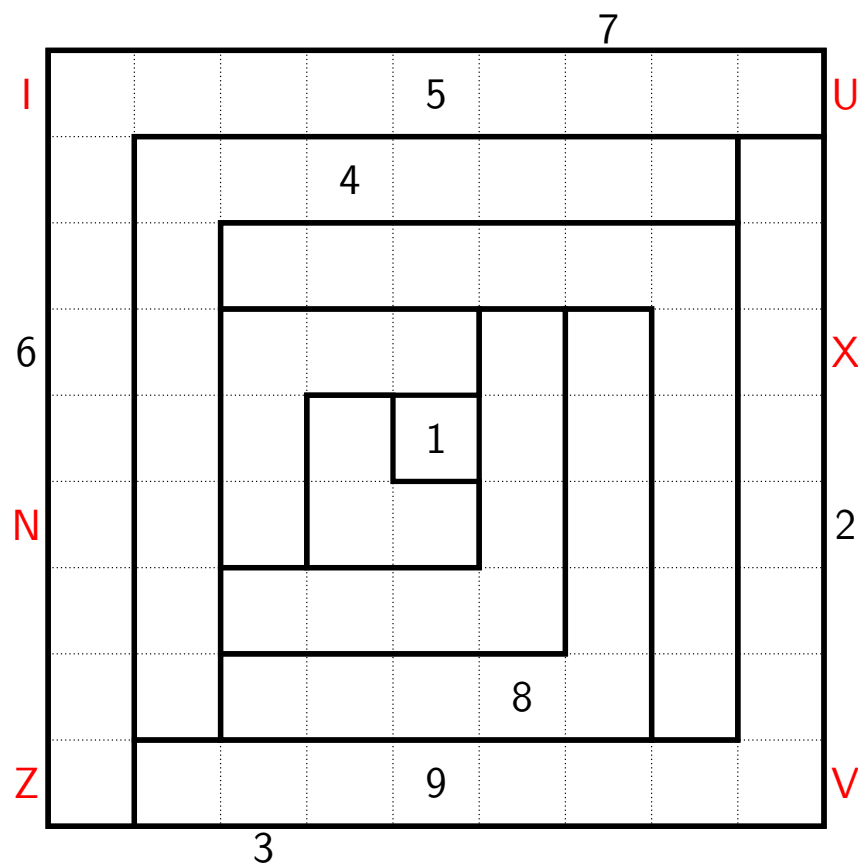


{1:1, 2:[2, 3], 3:4, 4:7, 5:9, 6:4, 7:6, 8:5, 9:8}

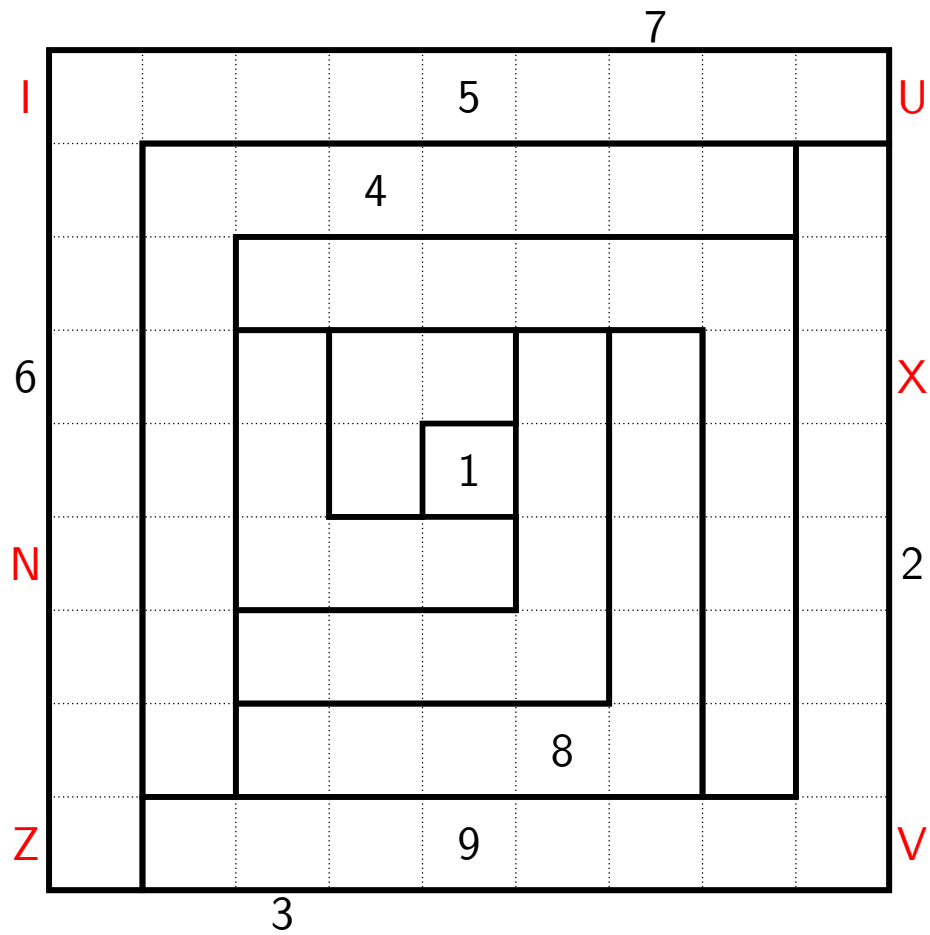
digits 3,6 are fighting over hook 4



—1 : 1, 2 : 2, 3 : 3, 4 : 7, 5 : 9, 6 : 4, 7 : 6, 8 : 5, 9 : 8''



—1 : 1, 2 : 2, 3 : 3, 4 : 7, 5 : 9, 6 : 4, 7 : 6, 8 : 5, 9 : 8''

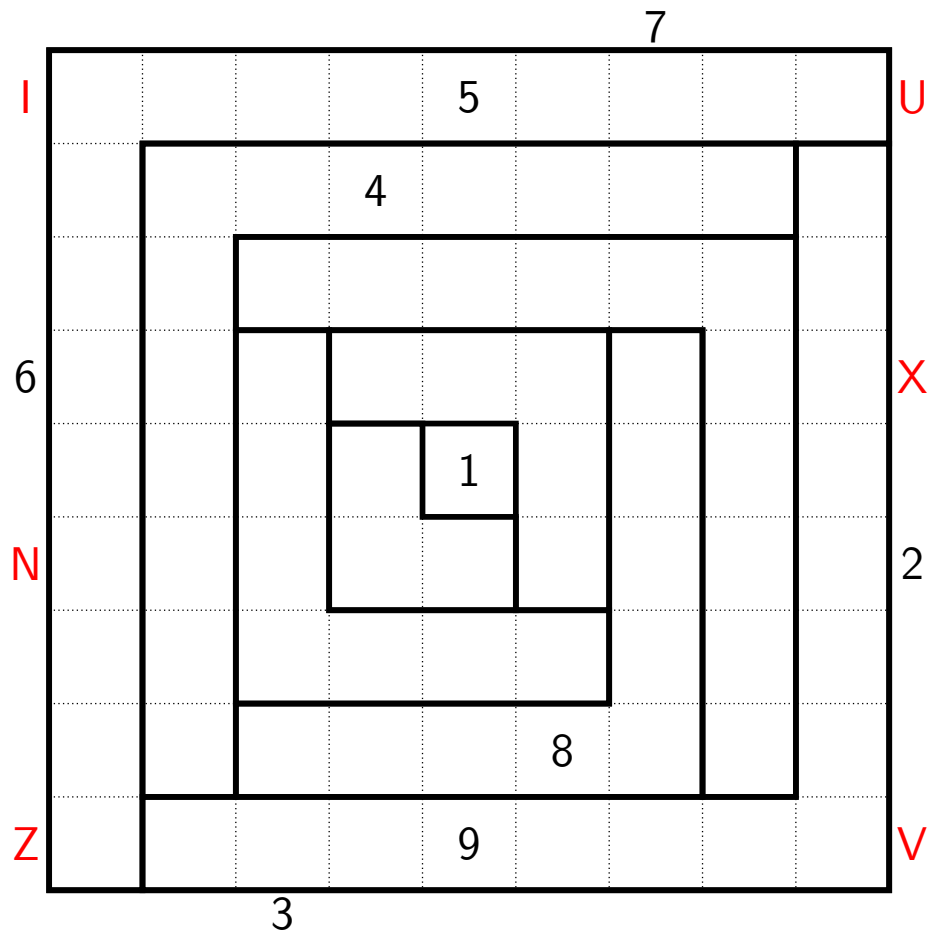


{1:1, 2:3, 3:3, 4:7, 5:9, 6:4, 7:6, 8:5, 9:8}

digits 2,3 are fighting over hook 3

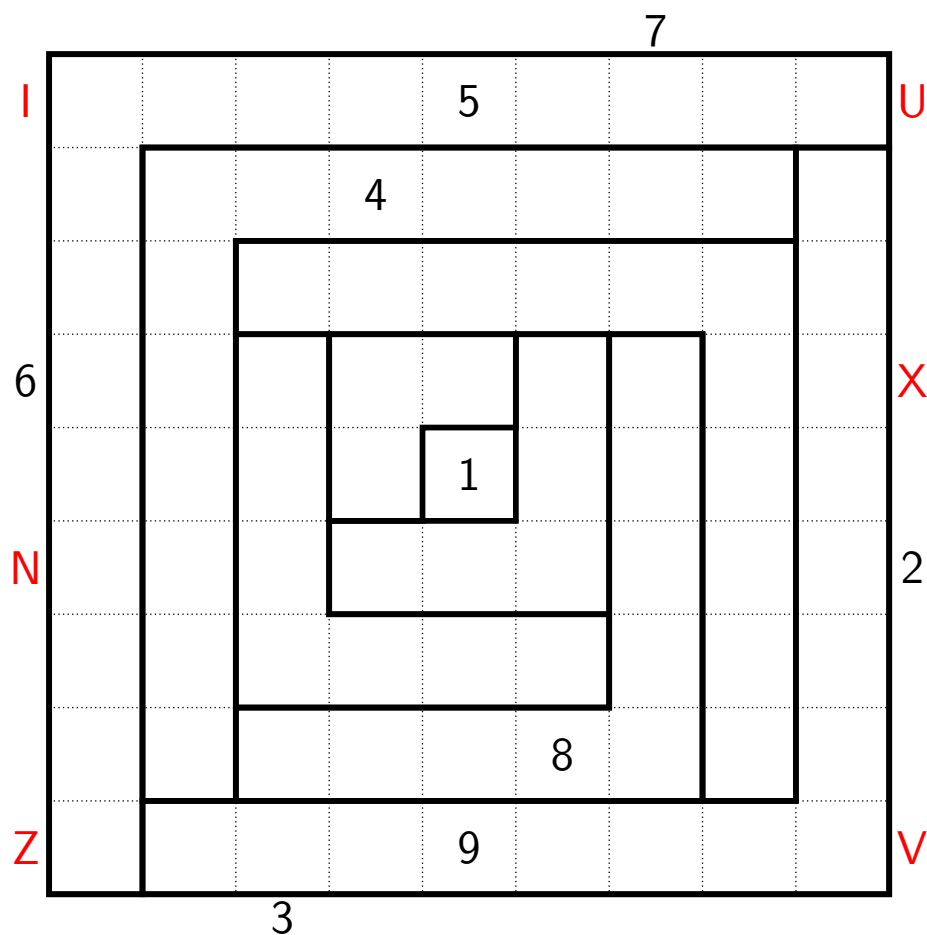


digits 3,6 are fighting over hook 4



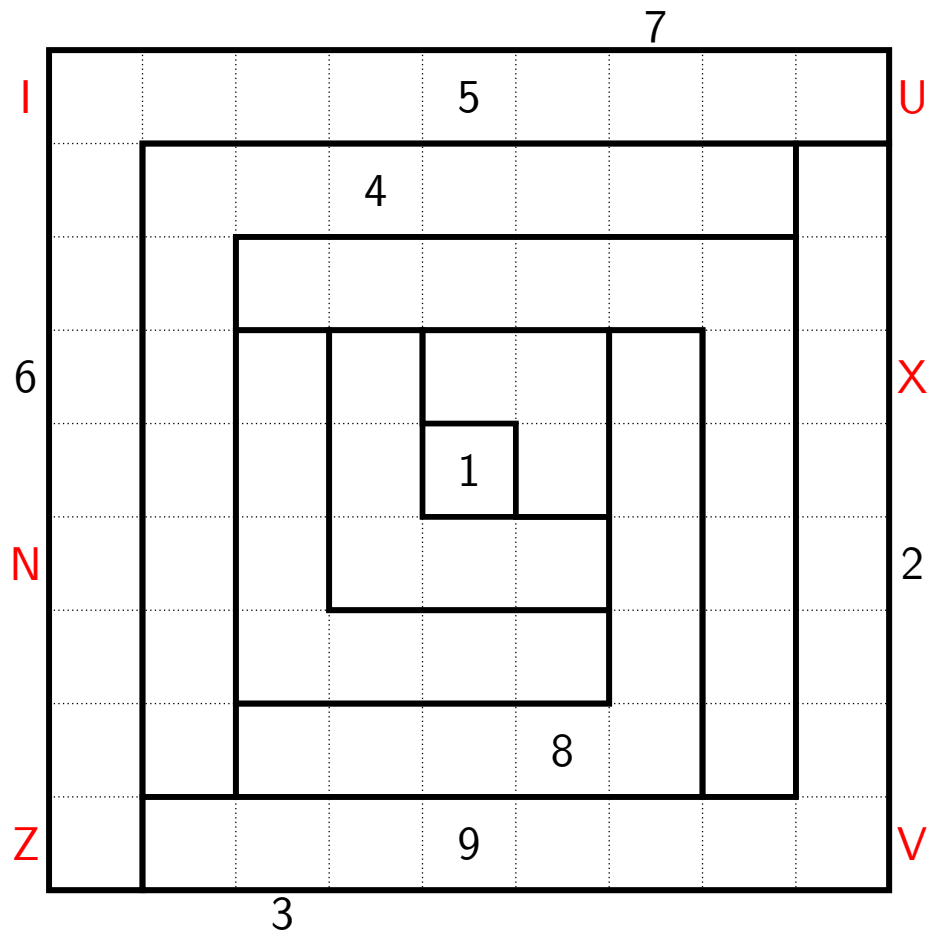
{1:1, 2:[2, 3], 3:4, 4:7, 5:9, 6:4, 7:6, 8:5, 9:8}

digits 3,6 are fighting over hook 4



{1:1, 2:3, 3:4, 4:7, 5:9, 6:4, 7:6, 8:5, 9:8}

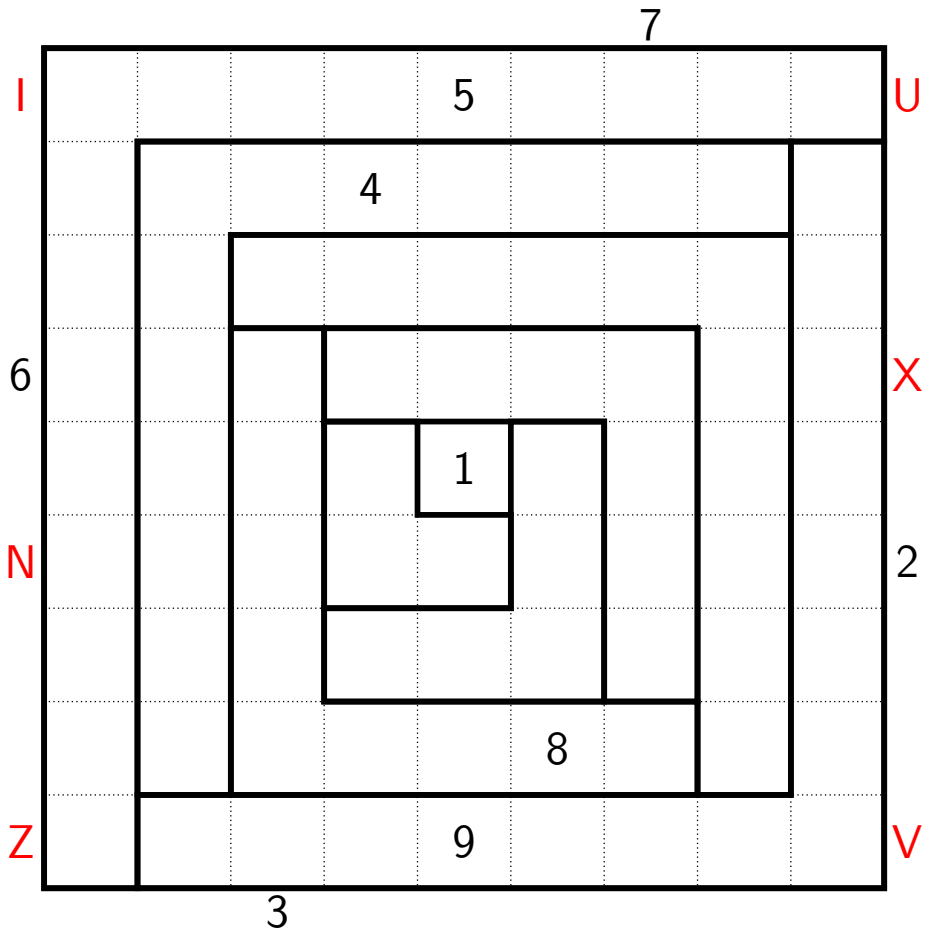
digits 3,6 are fighting over hook 4



{1:1, 2:3, 3:4, 4:7, 5:9, 6:4, 7:6, 8:5, 9:8}

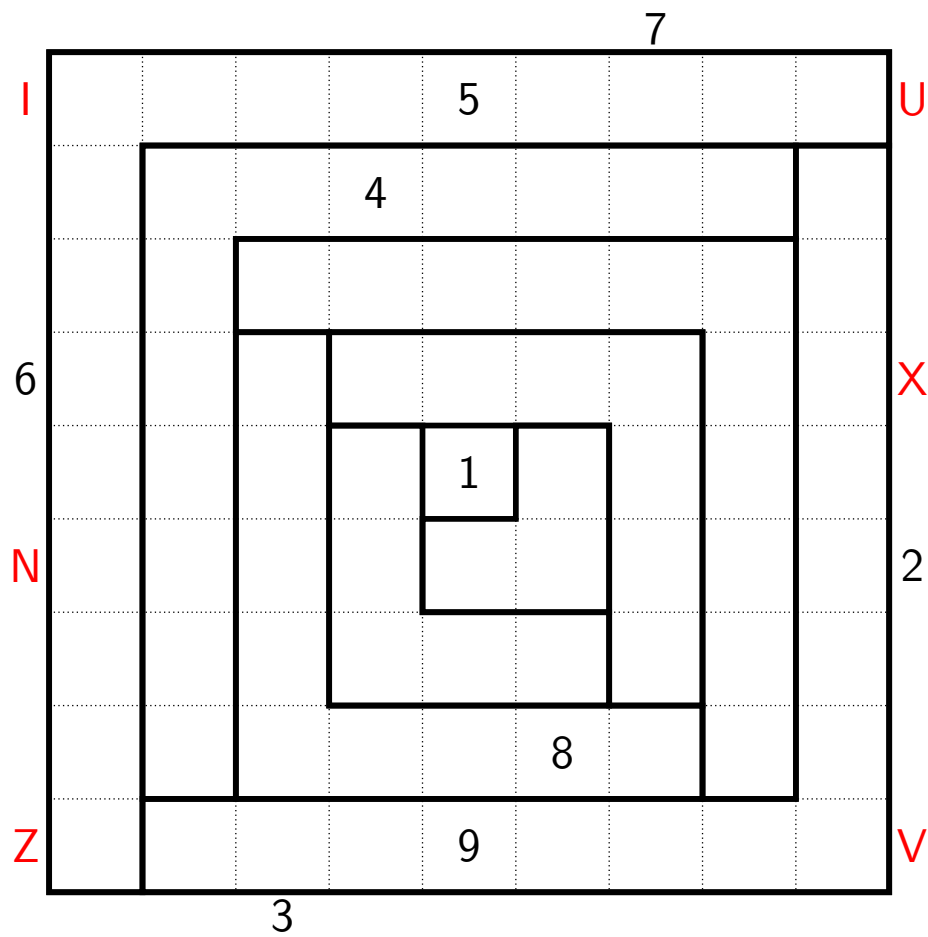
digits 3,6 are fighting over hook 4

```
digit(s) 7 cannot be assigned to any hook
```



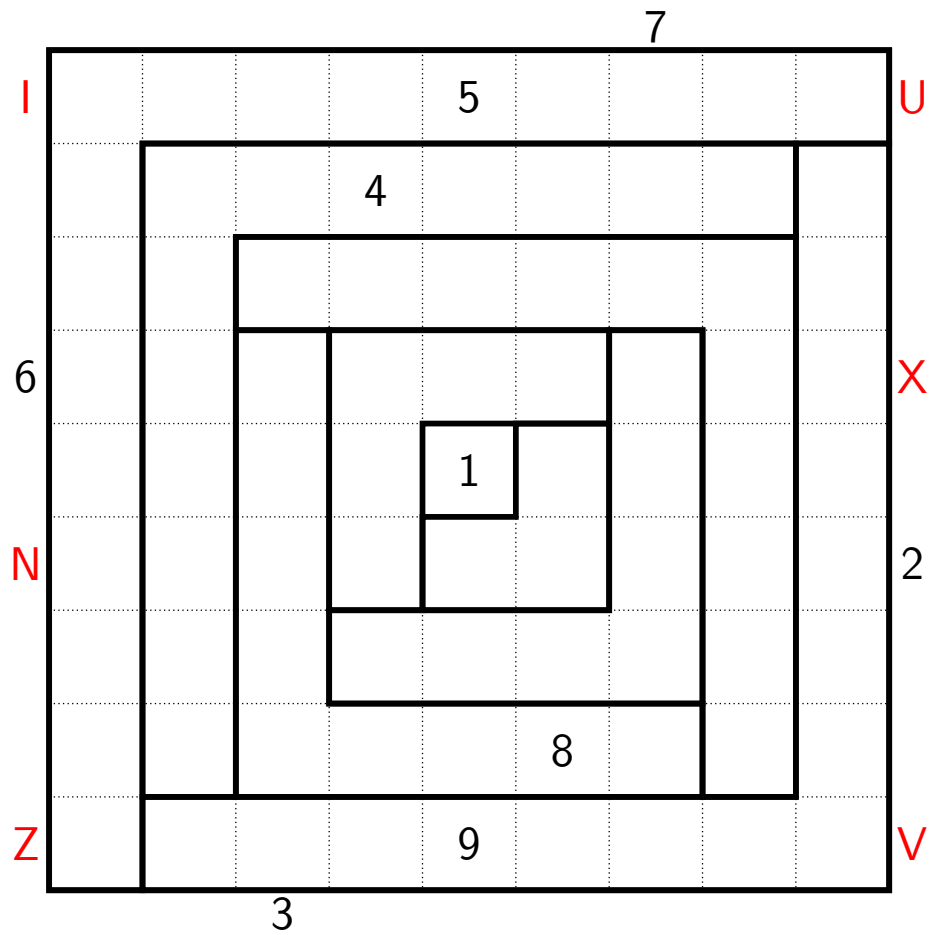
```
{1:1, 2:[2, 3], 3:6, 4:7, 5:9, 6:4, 7:[], 8:5, 9:8}
```

```
digit(s) 7 cannot be assigned to any hook
```



{1:1, 2:[2, 3], 3:6, 4:7, 5:9, 6:4, 7:[], 8:5, 9:8}

digit(s) 7 cannot be assigned to any hook

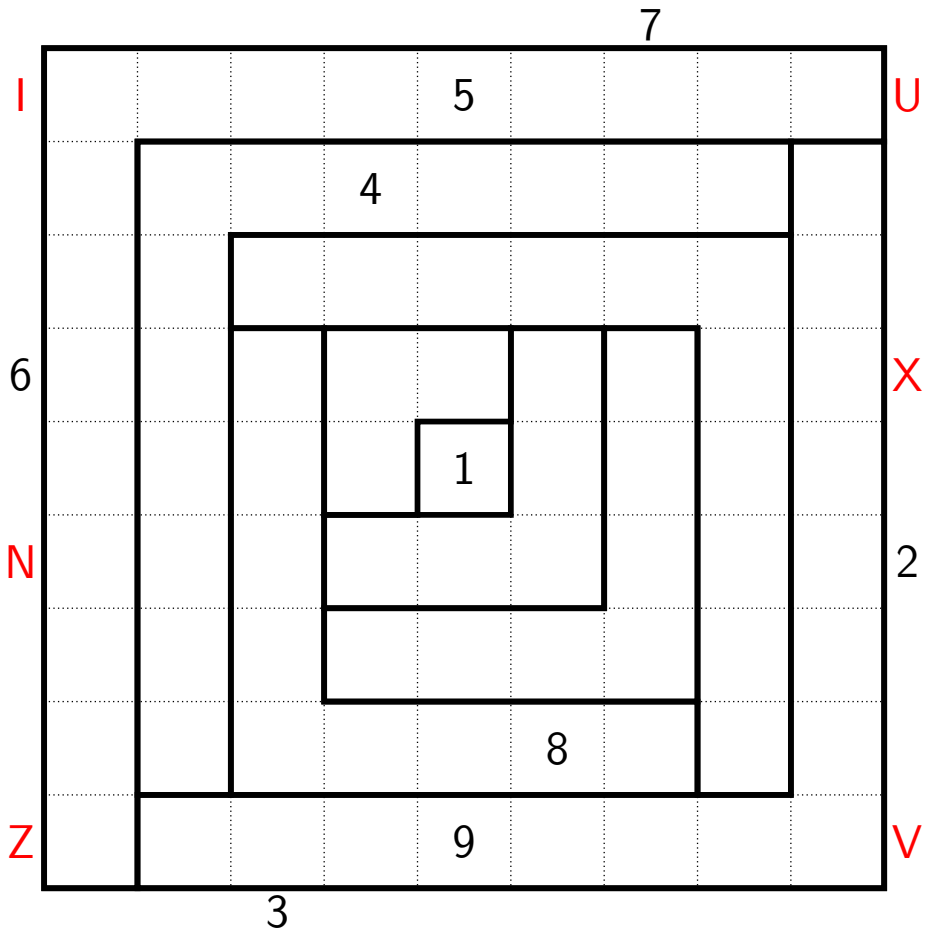


{1:1, 2:[2, 3], 3:6, 4:7, 5:9, 6:4, 7:[], 8:5, 9:8}

digit(s) 7 cannot be assigned to any hook

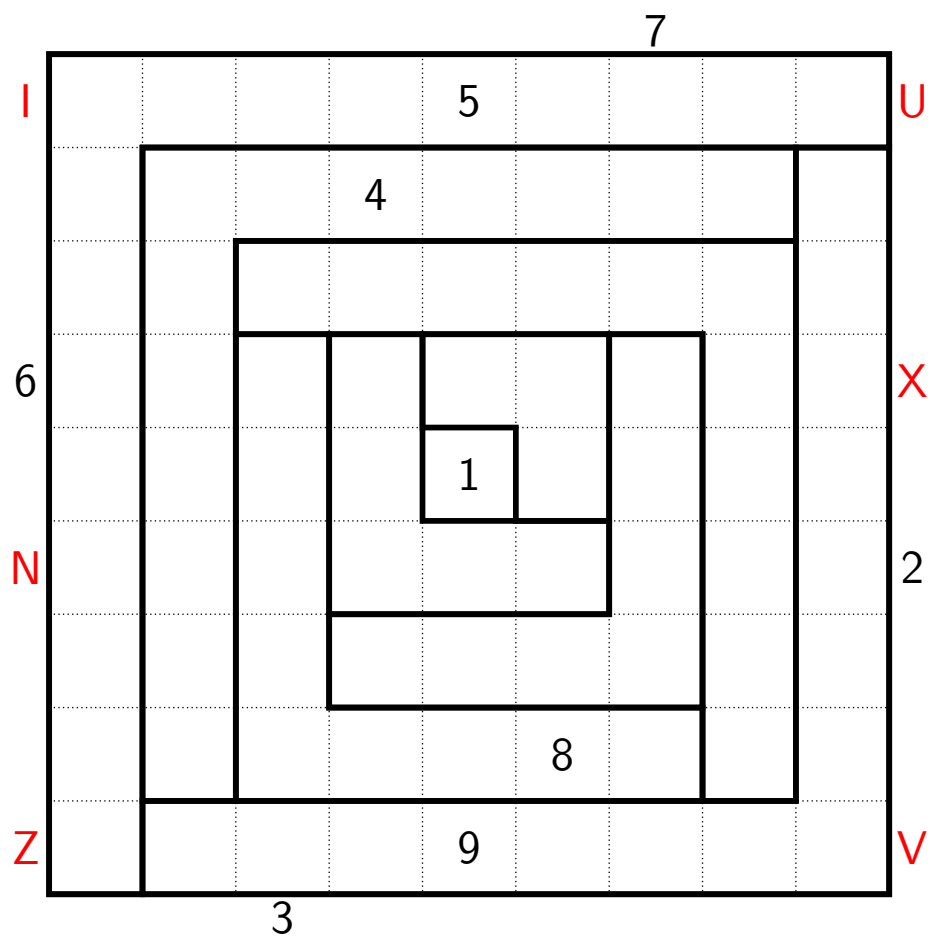


digit(s) 7 cannot be assigned to any hook



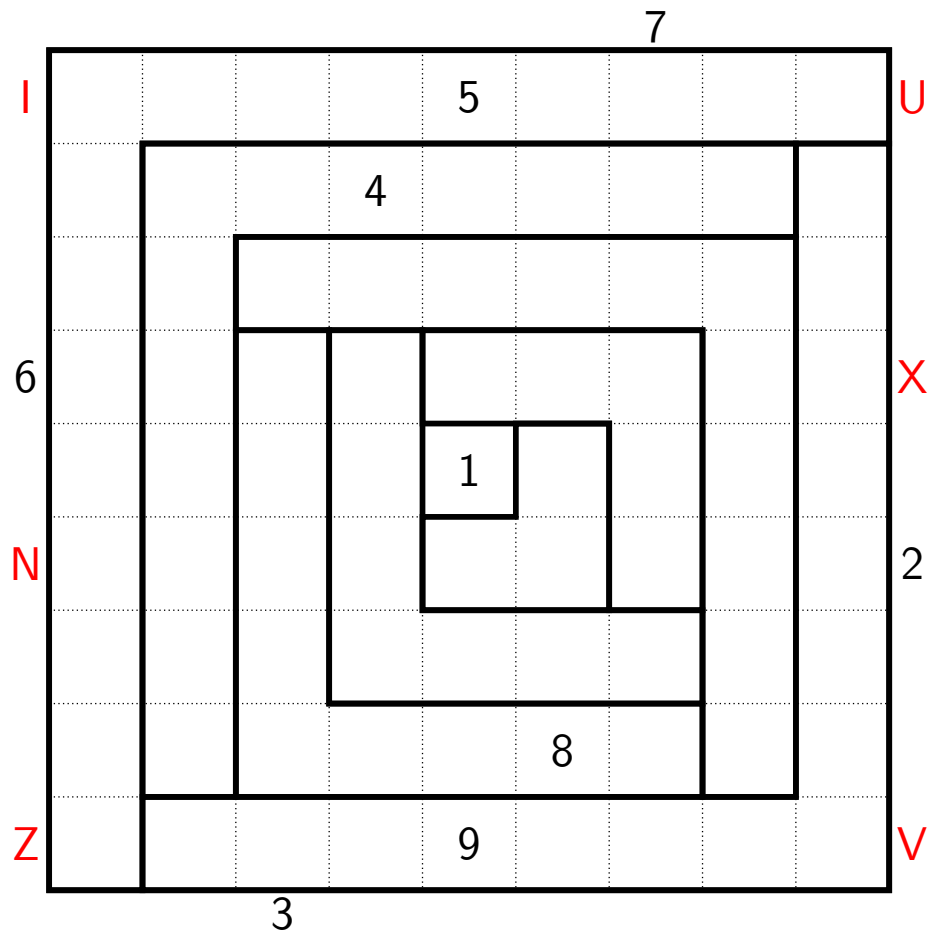
```
{1:1, 2:3, 3:6, 4:7, 5:9, 6:4, 7:[], 8:5, 9:8}
```

```
digit(s) 7 cannot be assigned to any hook
```



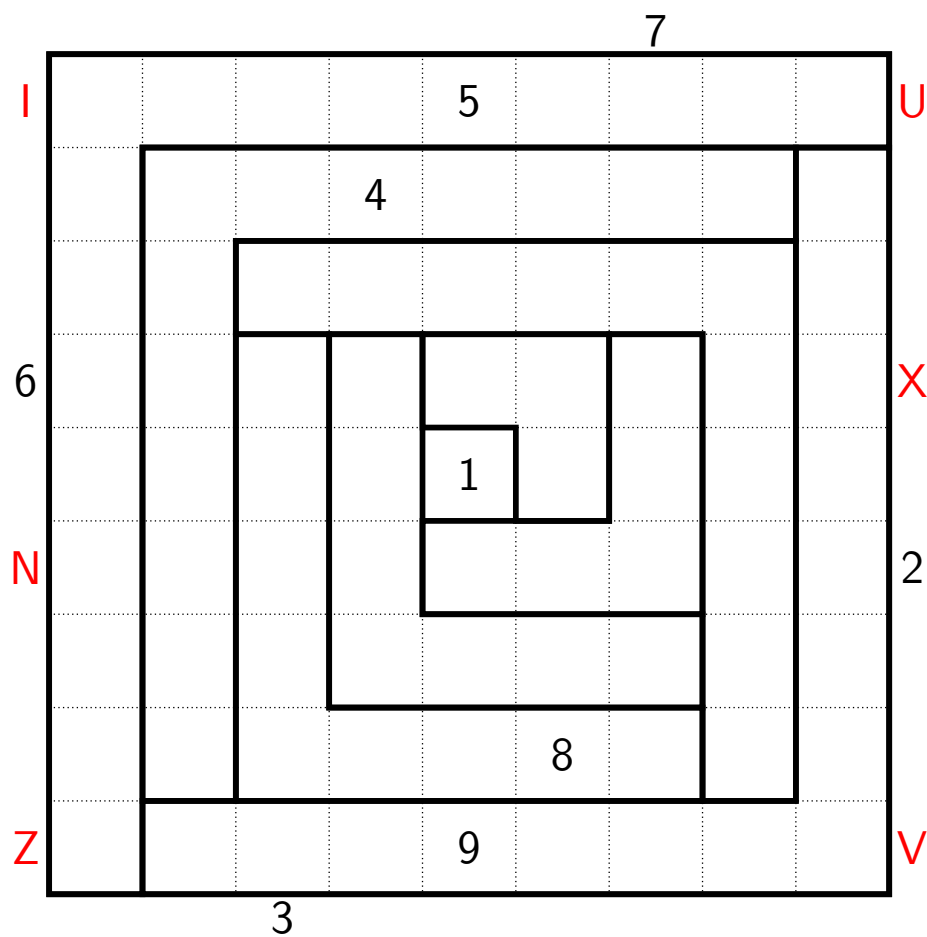
{1:1, 2:3, 3:6, 4:7, 5:9, 6:4, 7:[], 8:5, 9:8}

digit(s) 7 cannot be assigned to any hook



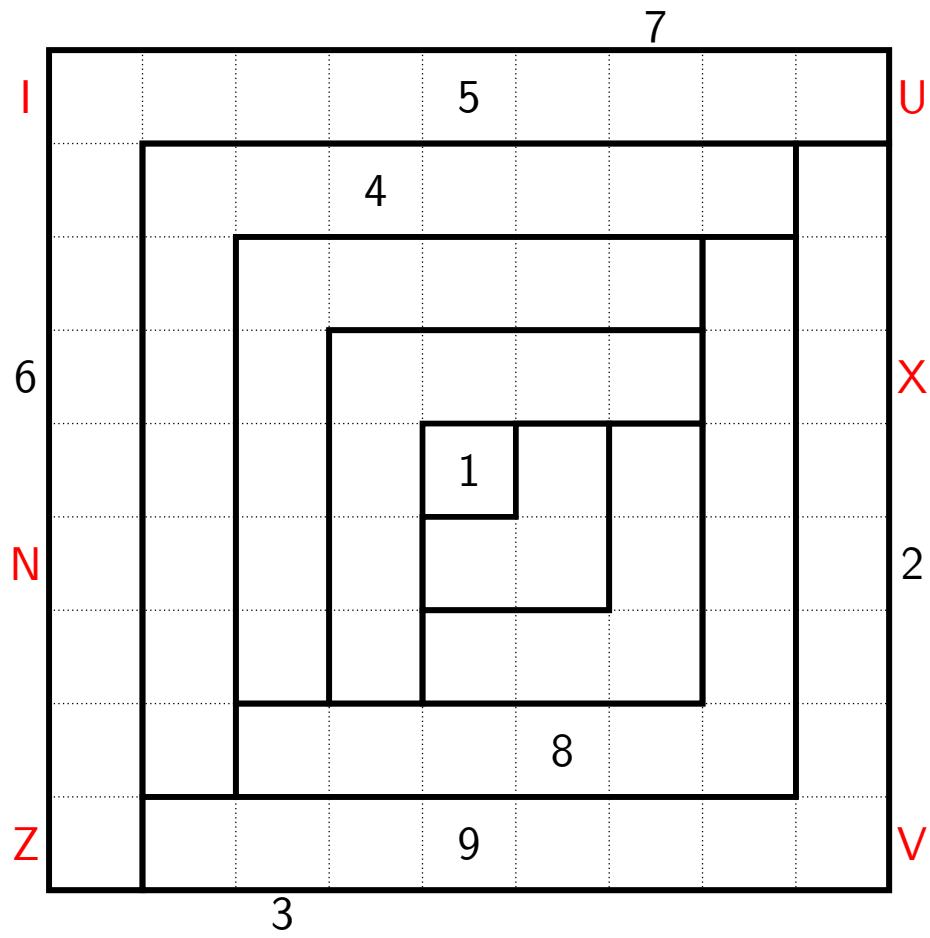
{1:1, 2:[2, 3], 3:6, 4:7, 5:9, 6:4, 7:[], 8:5, 9:8}

digit(s) 7 cannot be assigned to any hook



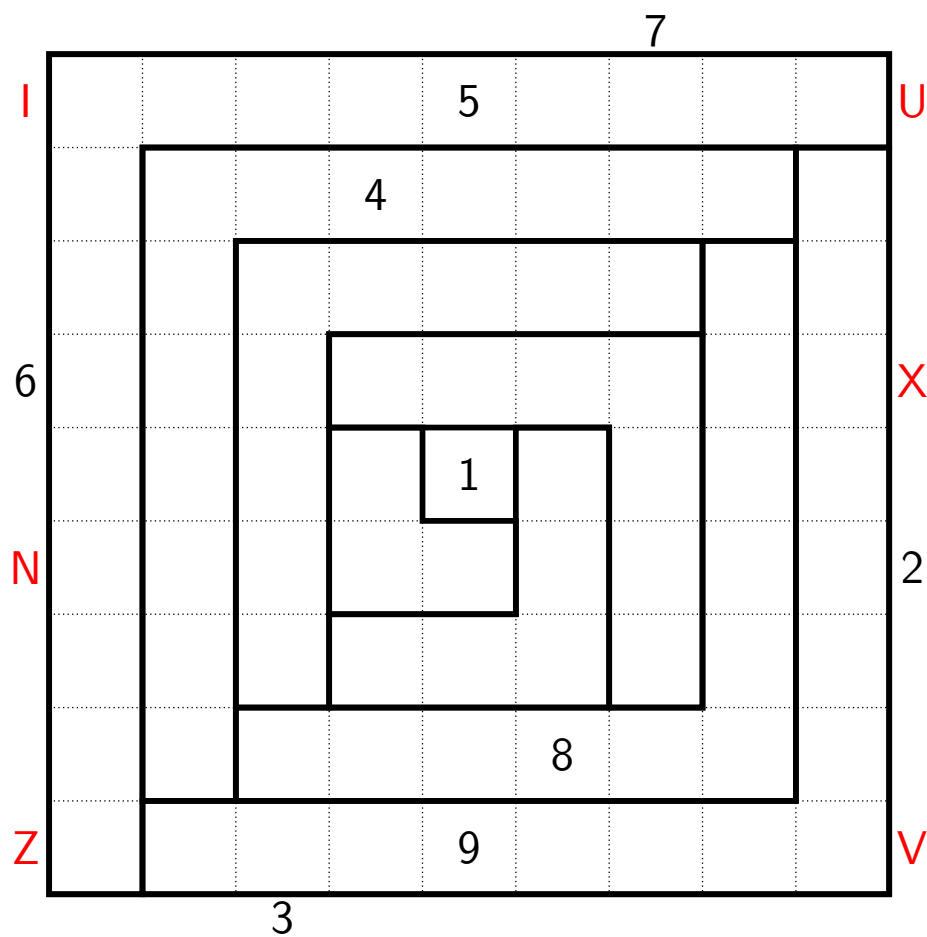
{1:1, 2:3, 3:6, 4:7, 5:9, 6:4, 7:[], 8:5, 9:8}

digit(s) 7 cannot be assigned to any hook



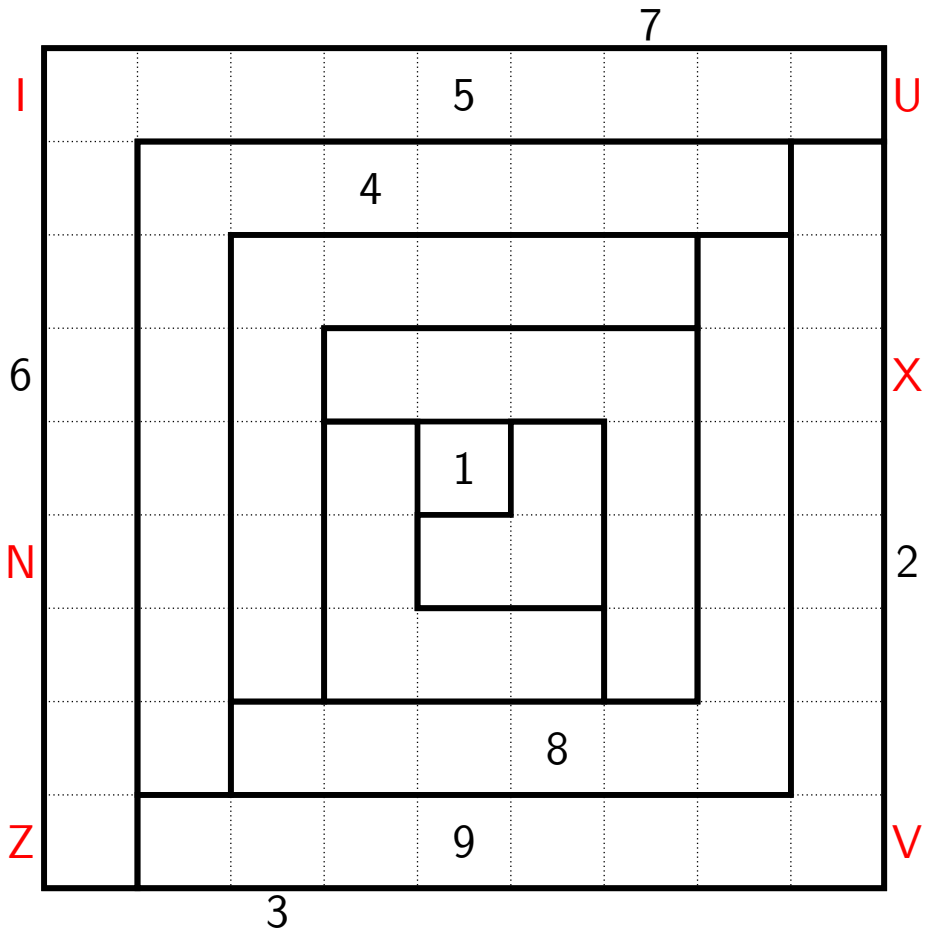
{1:1, 2:[2, 3], 3:5, 4:7, 5:9, 6:4, 7:[], 8:6, 9:8}

digit(s) 7 cannot be assigned to any hook



{1:1, 2:[2, 3], 3:5, 4:7, 5:9, 6:4, 7:[], 8:6, 9:8}

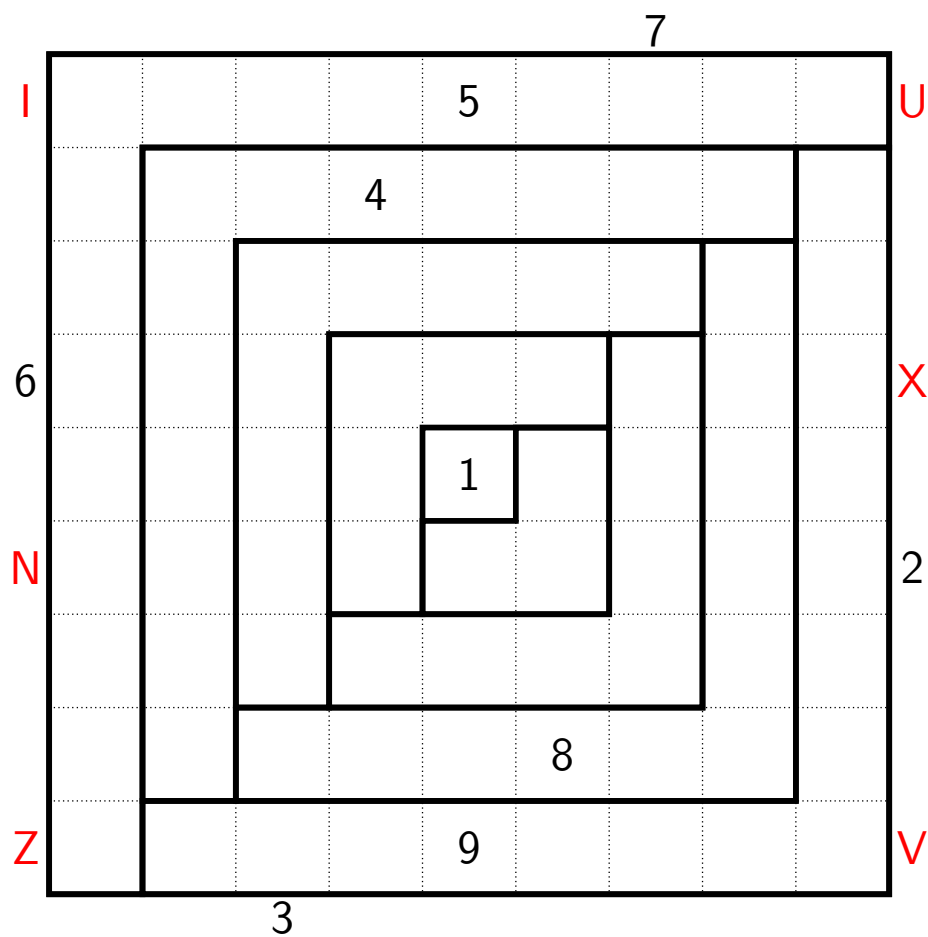
digit(s) 7 cannot be assigned to any hook



```
{1:1, 2:[2, 3], 3:5, 4:7, 5:9, 6:4, 7:[], 8:6, 9:8}
```

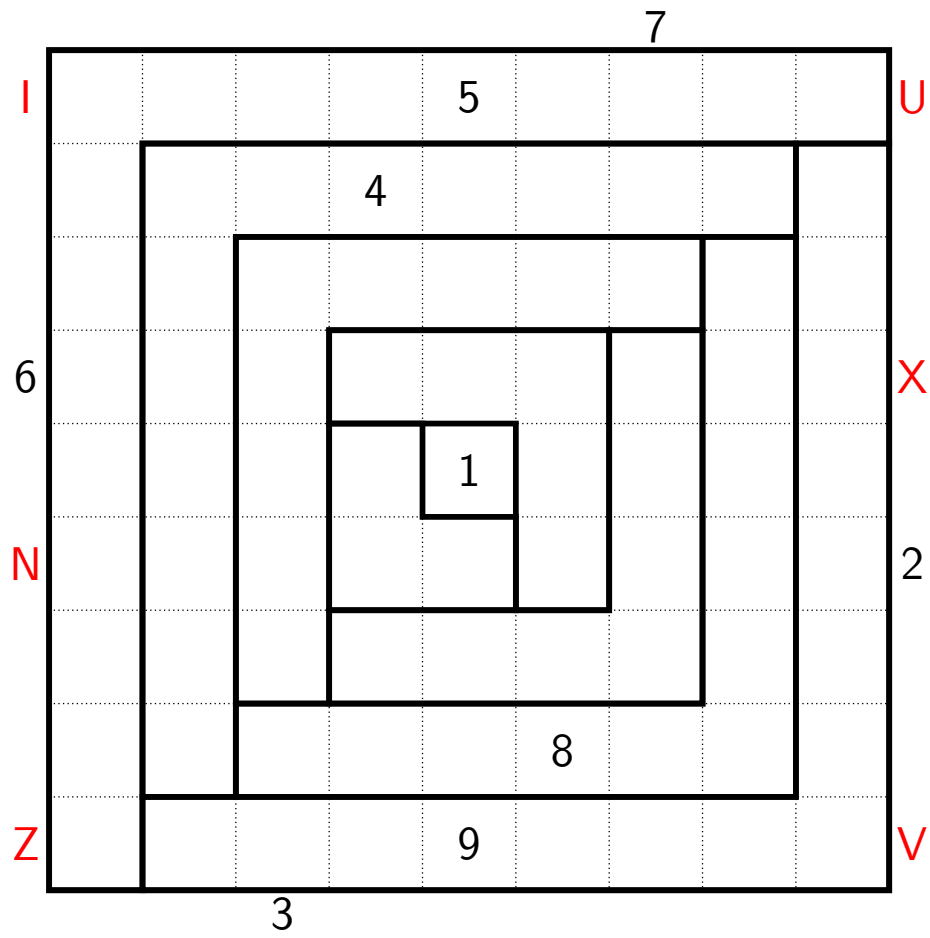
```
digit(s) 7 cannot be assigned to any hook
```





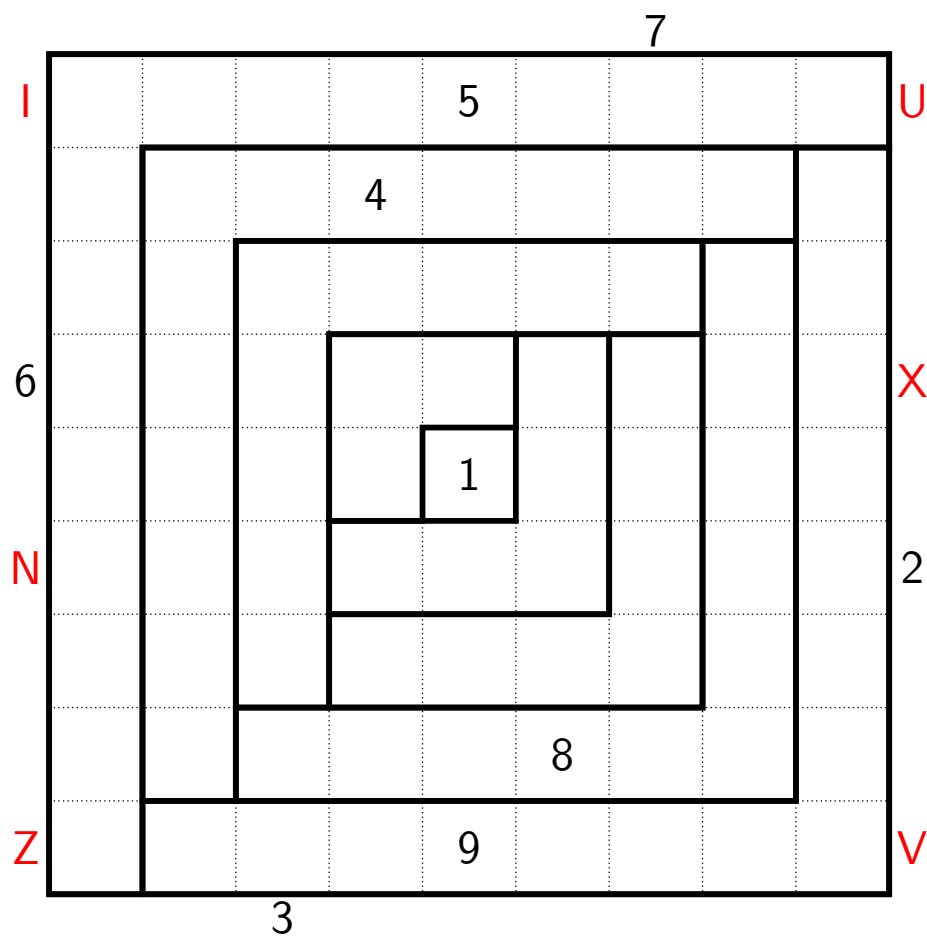
{1:1, 2:[2, 3], 3:5, 4:7, 5:9, 6:4, 7:[], 8:6, 9:8}

digit(s) 7 cannot be assigned to any hook



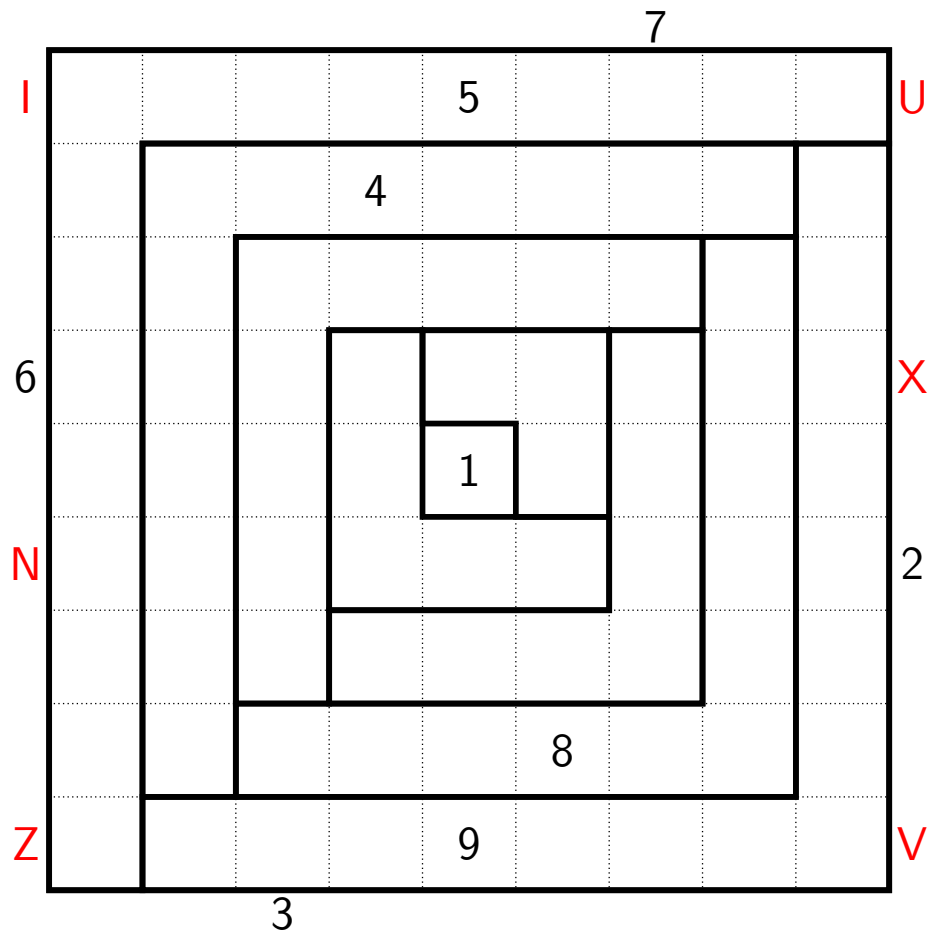
```
{1:1, 2:[2, 3], 3:5, 4:7, 5:9, 6:4, 7:[], 8:6, 9:8}
```

```
digit(s) 7 cannot be assigned to any hook
```



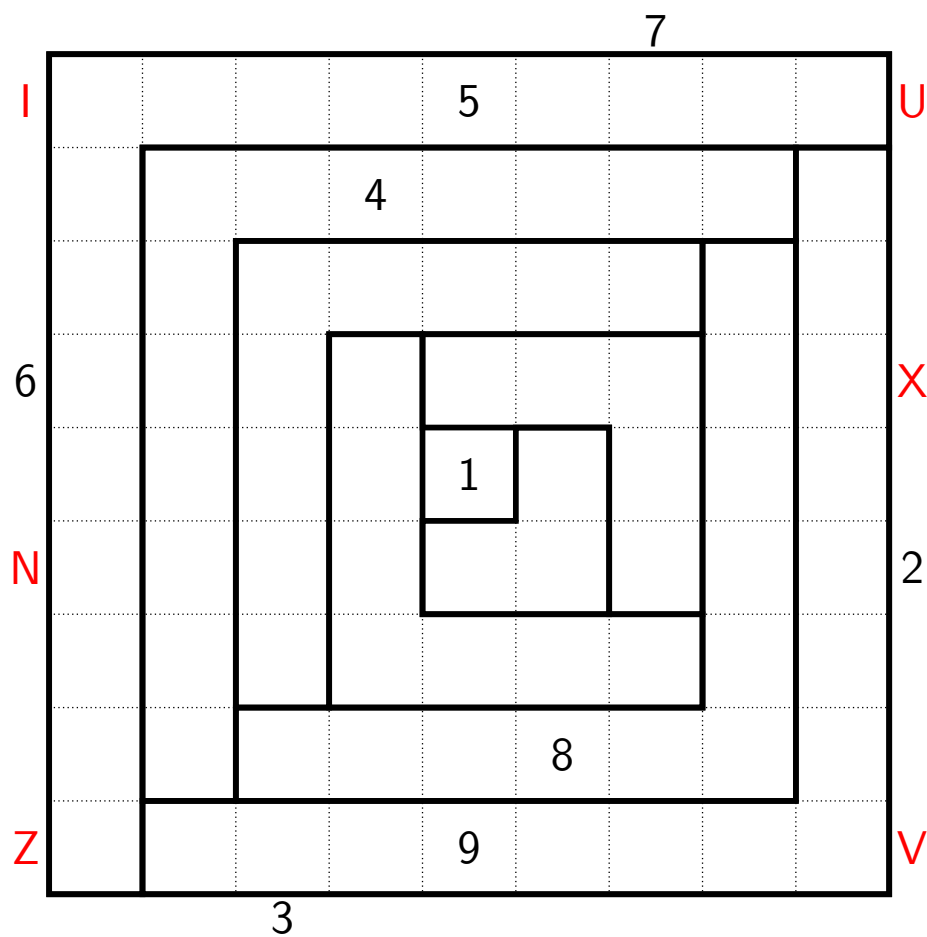
{1:1, 2:3, 3:5, 4:7, 5:9, 6:4, 7:[], 8:6, 9:8}

digit(s) 7 cannot be assigned to any hook



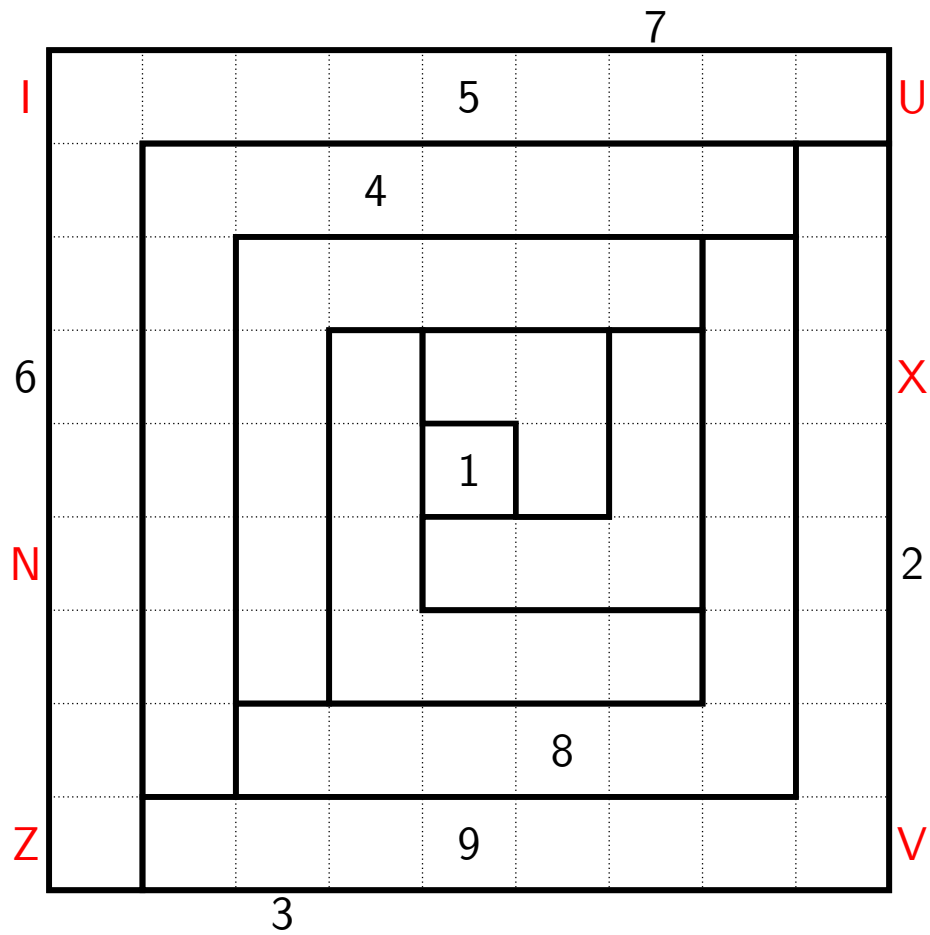
{1:1, 2:3, 3:5, 4:7, 5:9, 6:4, 7:[], 8:6, 9:8}

digit(s) 7 cannot be assigned to any hook



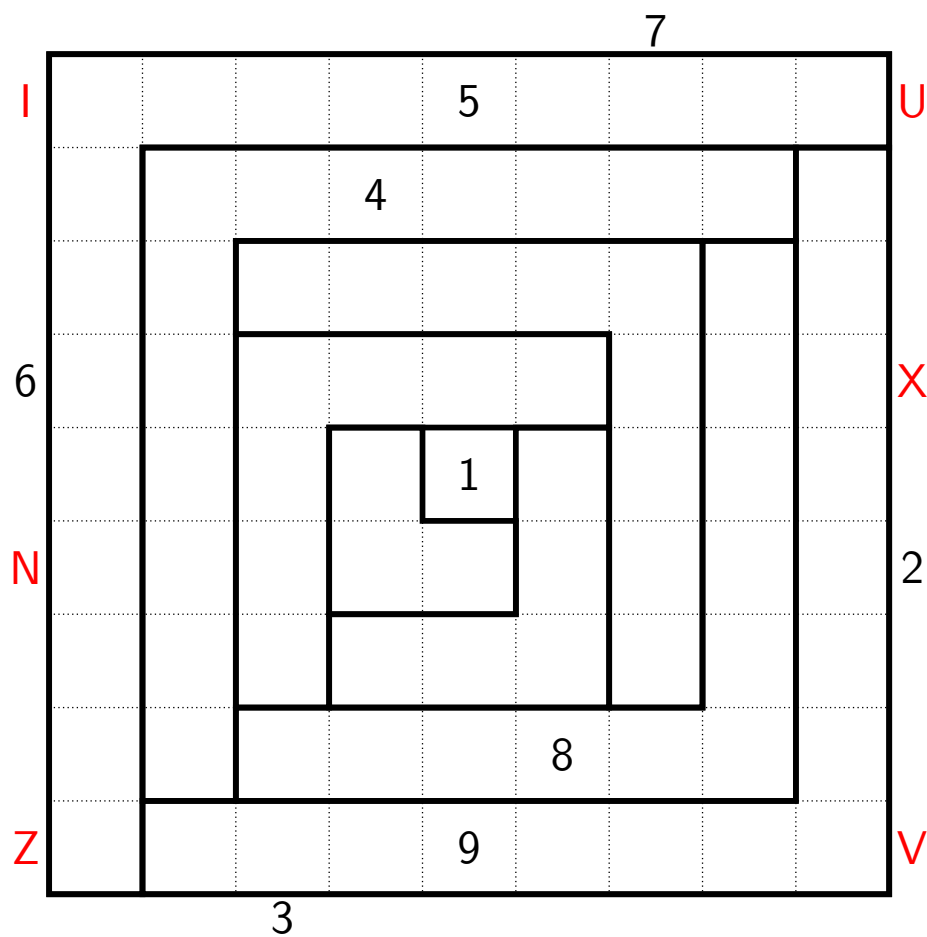
{1:1, 2:[2, 3], 3:5, 4:7, 5:9, 6:4, 7:[], 8:6, 9:8}

digit(s) 7 cannot be assigned to any hook



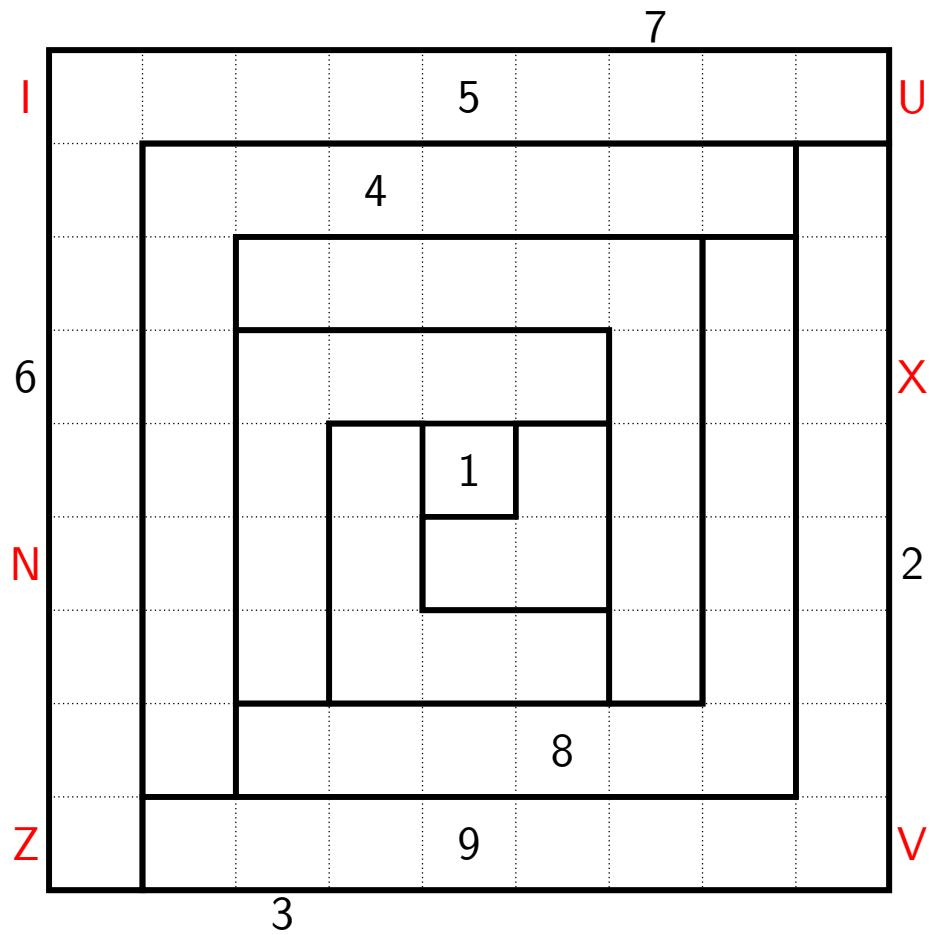
{1:1, 2:3, 3:5, 4:7, 5:9, 6:4, 7:[], 8:6, 9:8}

digit(s) 7 cannot be assigned to any hook



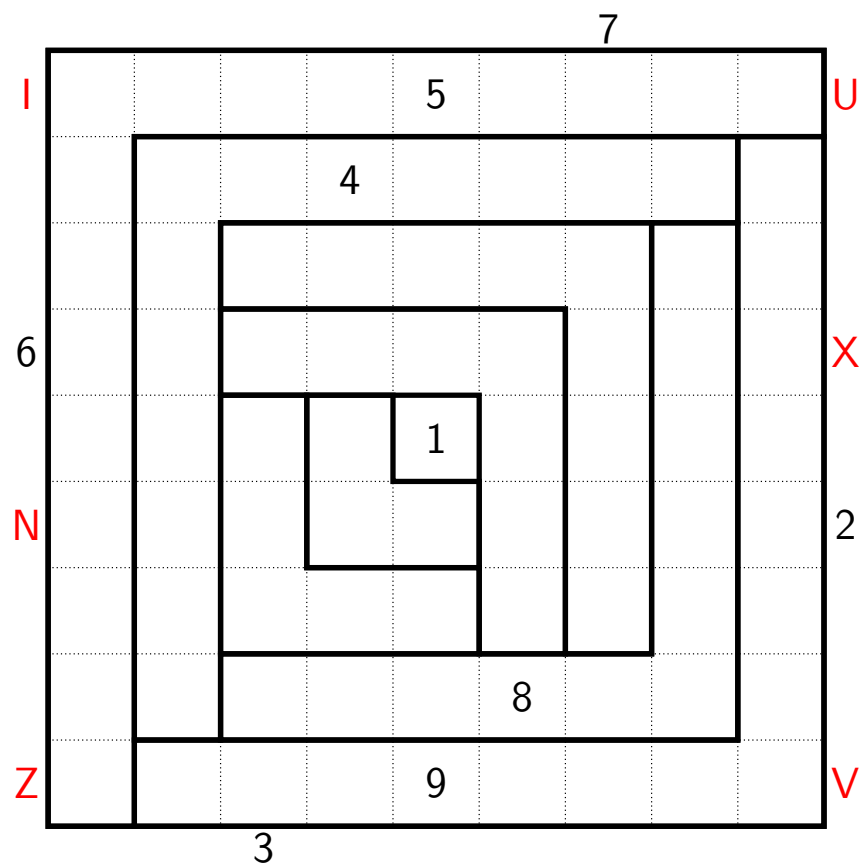
{1:1, 2:[2, 3], 3:4, 4:7, 5:9, 6:4, 7:5, 8:6, 9:8}

digits 3,6 are fighting over hook 4

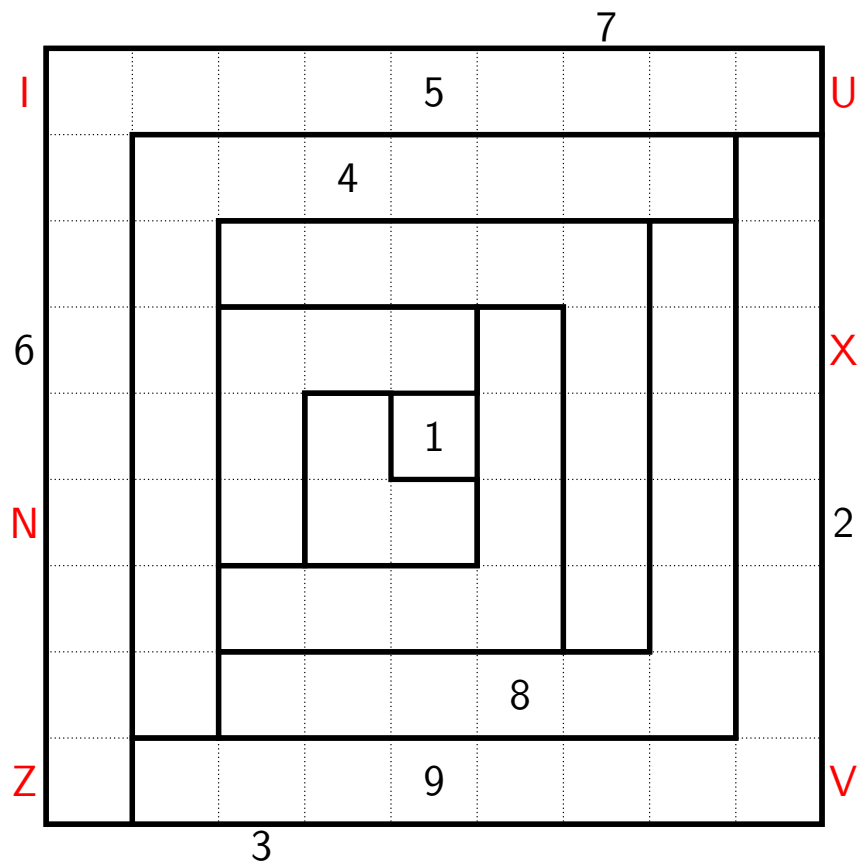

$$\{1:1, 2:[2, 3], 3:4, 4:7, 5:9, 6:4, 7:5, 8:6, 9:8\}$$

digits 3,6 are fighting over hook 4

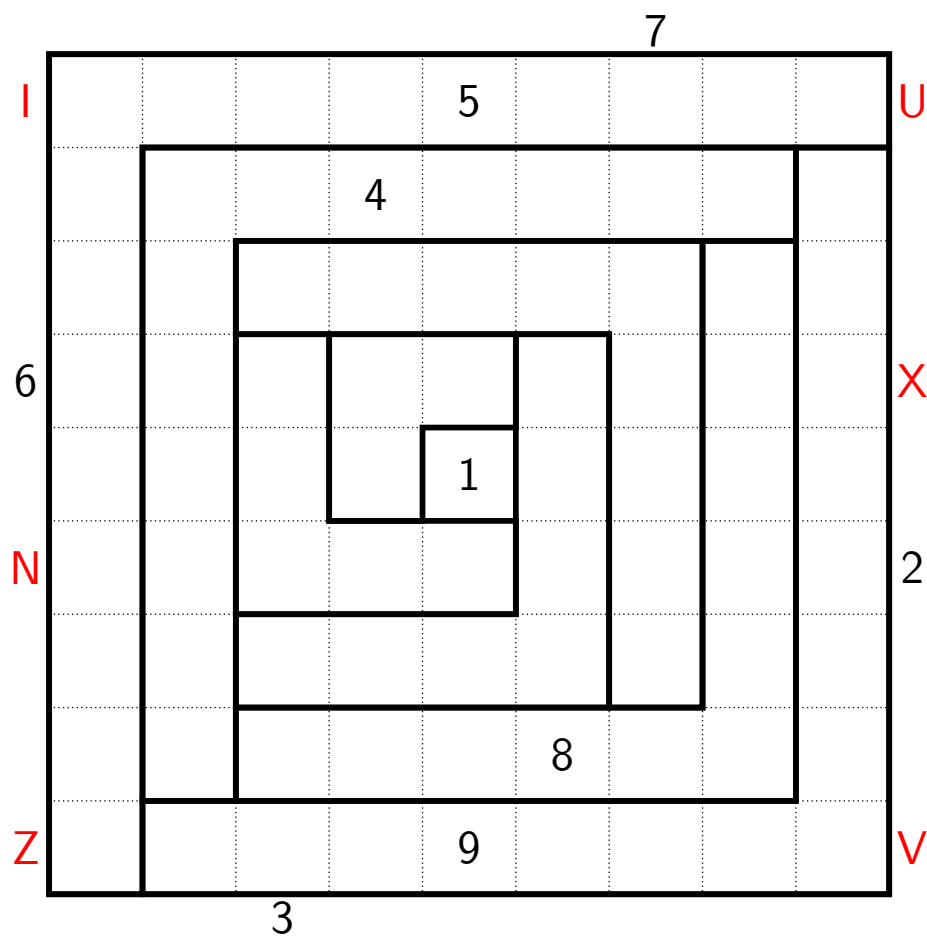




—1 : 1, 2 : 2, 3 : 3, 4 : 7, 5 : 9, 6 : 4, 7 : 5, 8 : 6, 9 : 8''

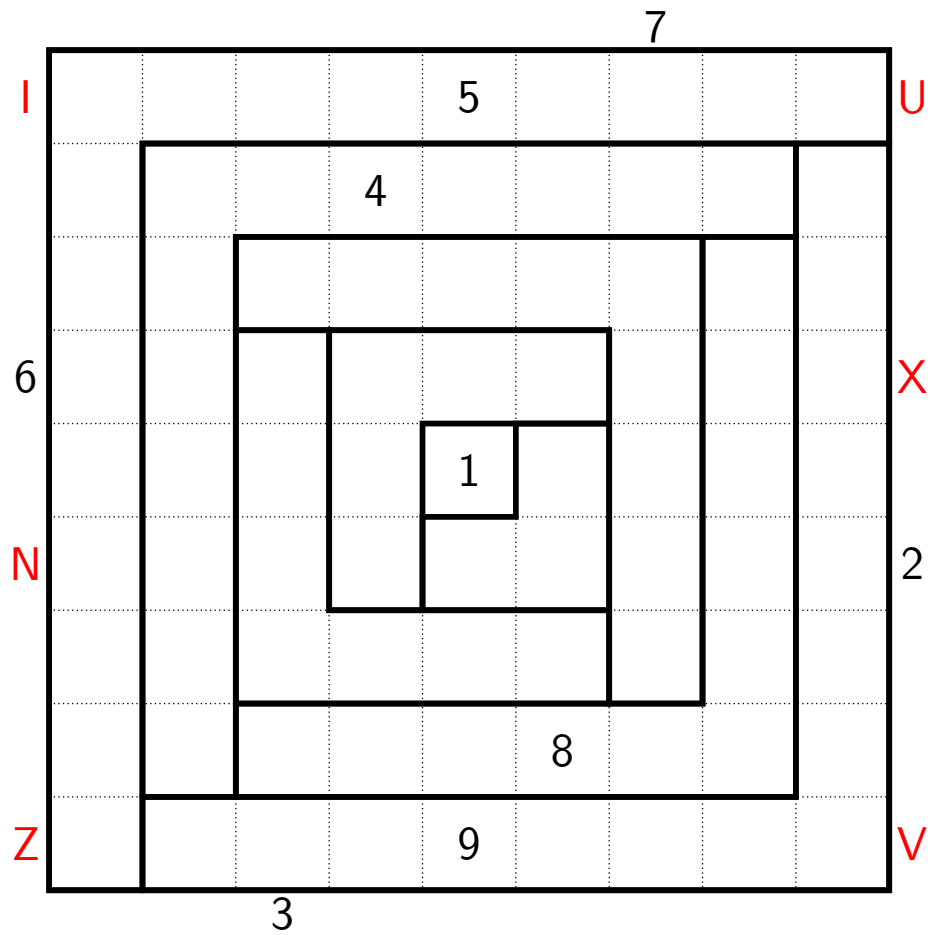


$-1 : 1, 2 : 2, 3 : 3, 4 : 7, 5 : 9, 6 : 4, 7 : 5, 8 : 6, 9 : 8''$



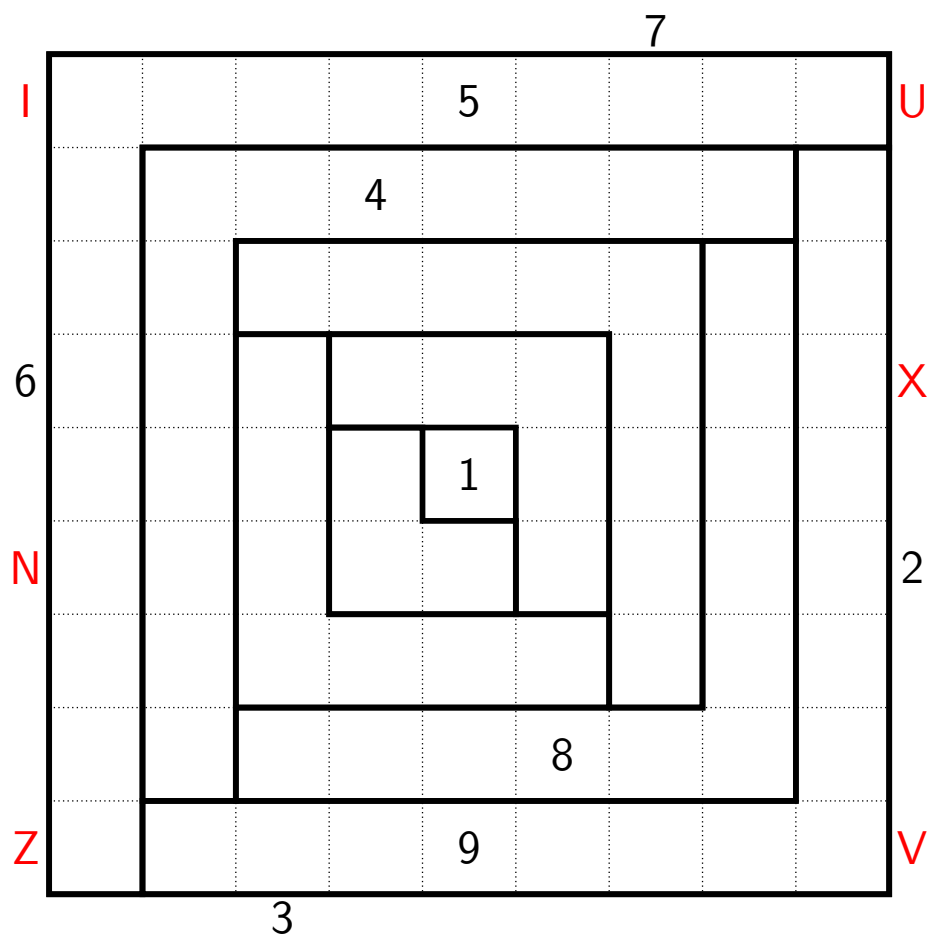
{1:1, 2:3, 3:3, 4:7, 5:9, 6:4, 7:5, 8:6, 9:8}

digits 2,3 are fighting over hook 3



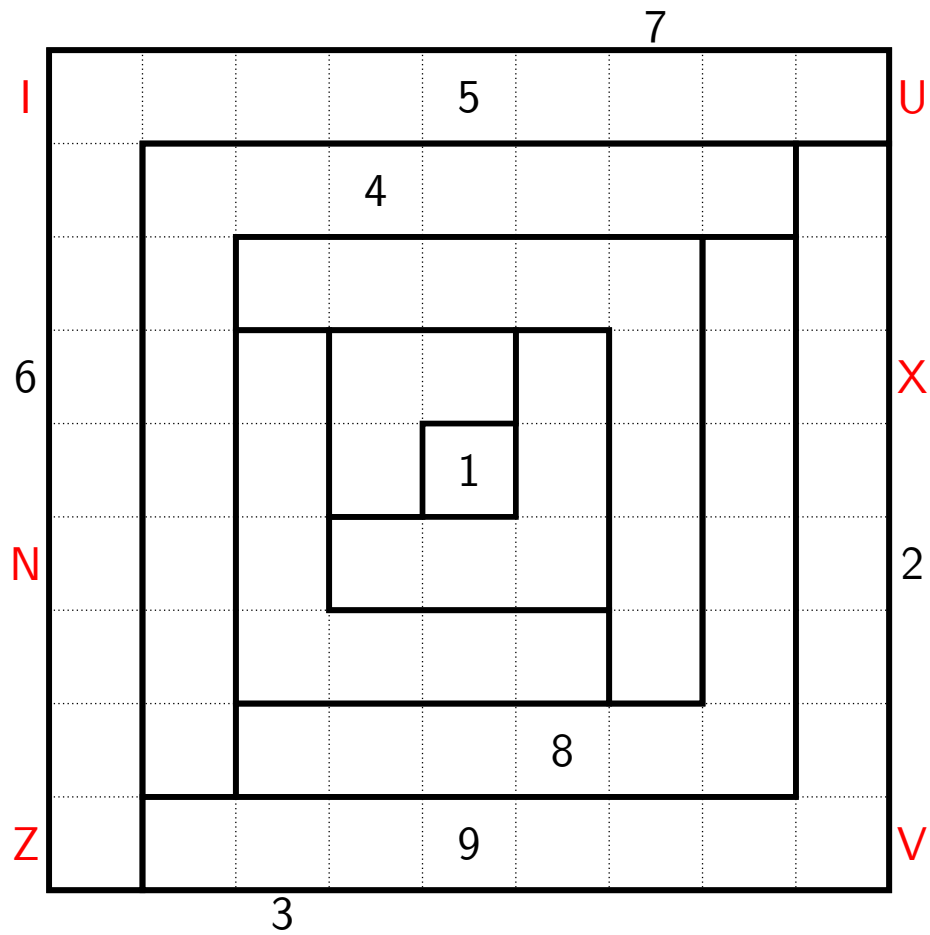
{1:1, 2:[2, 3], 3:4, 4:7, 5:9, 6:4, 7:5, 8:6, 9:8}

digits 3,6 are fighting over hook 4



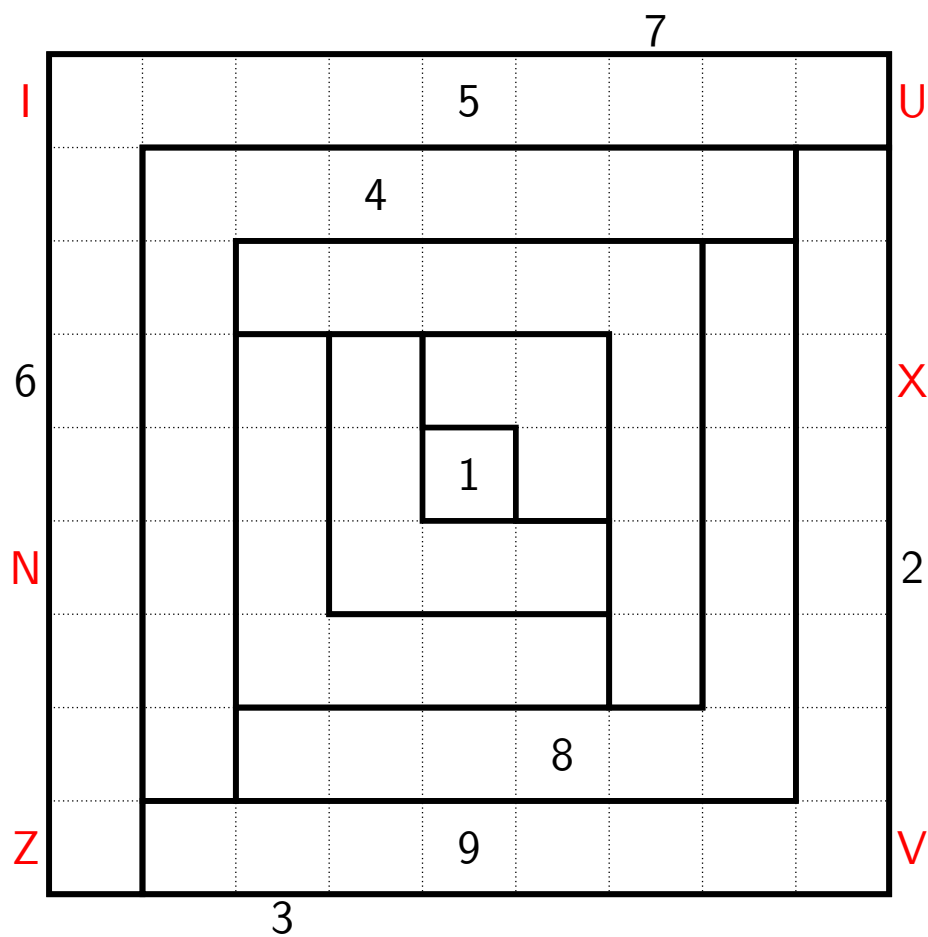
{1:1, 2:[2, 3], 3:4, 4:7, 5:9, 6:4, 7:5, 8:6, 9:8}

digits 3,6 are fighting over hook 4



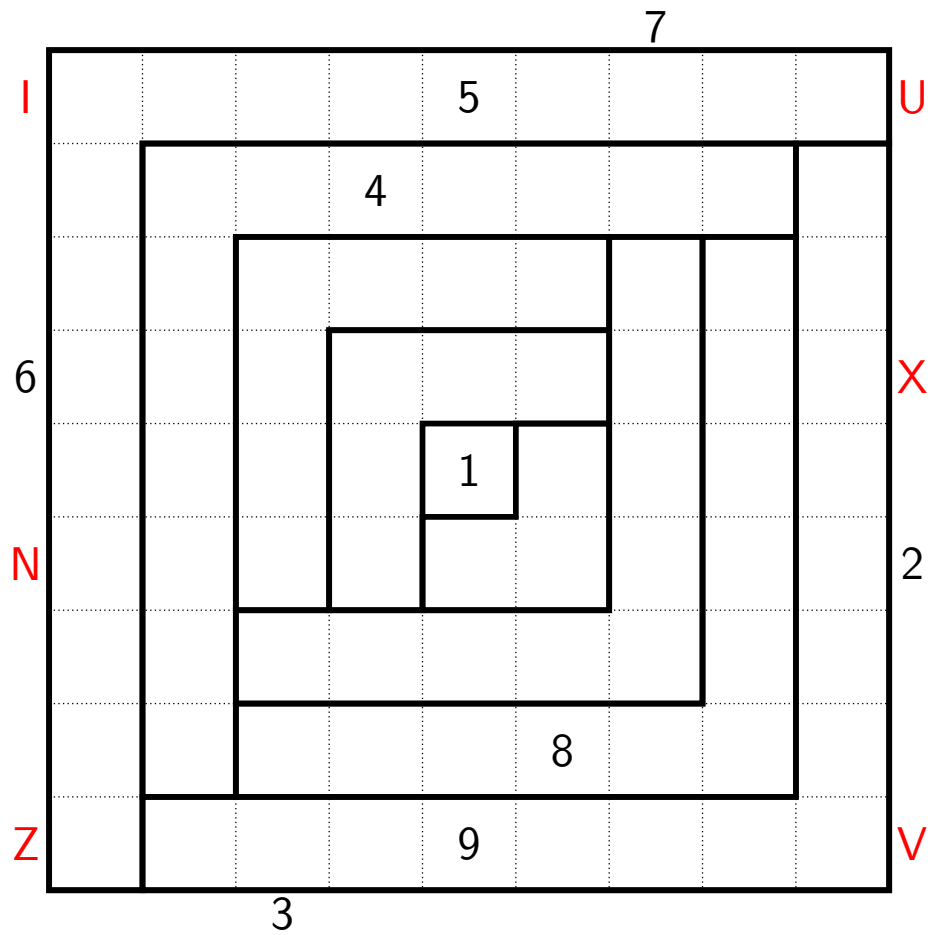
{1:1, 2:3, 3:4, 4:7, 5:9, 6:4, 7:5, 8:6, 9:8}

digits 3,6 are fighting over hook 4



{1:1, 2:3, 3:4, 4:7, 5:9, 6:4, 7:5, 8:6, 9:8}

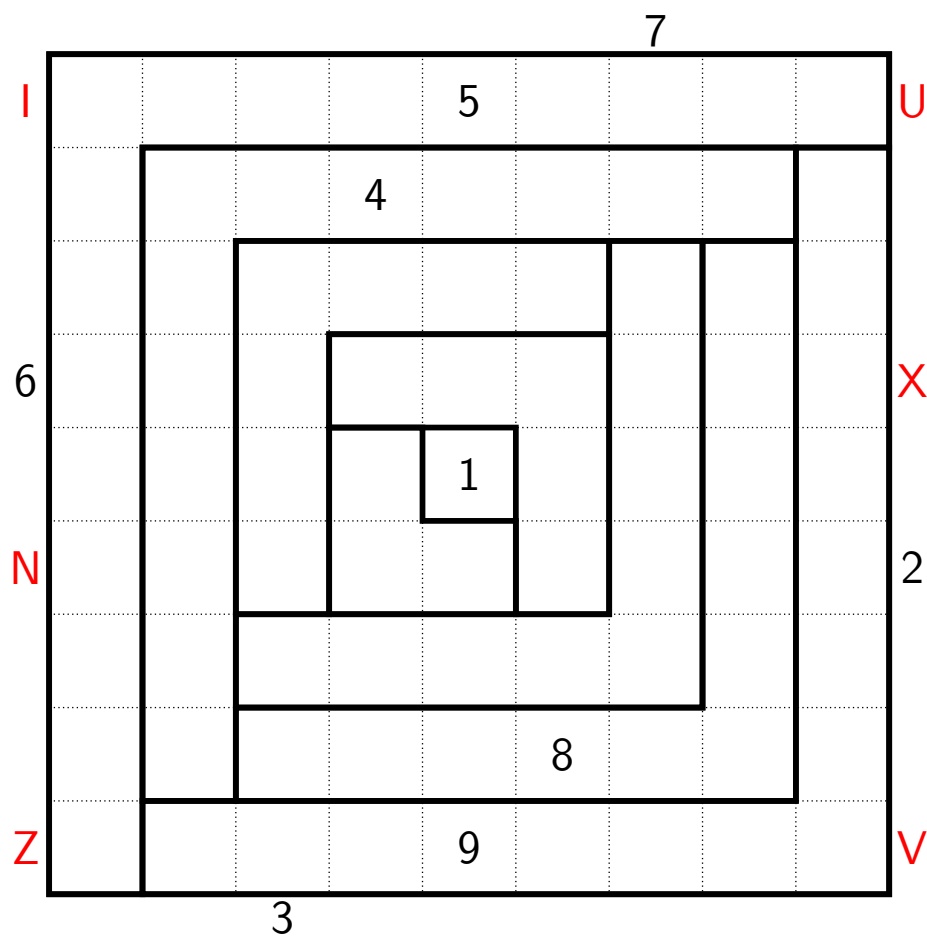
digits 3,6 are fighting over hook 4



{1:1, 2:[2, 3], 3:4, 4:7, 5:9, 6:4, 7:5, 8:6, 9:8}

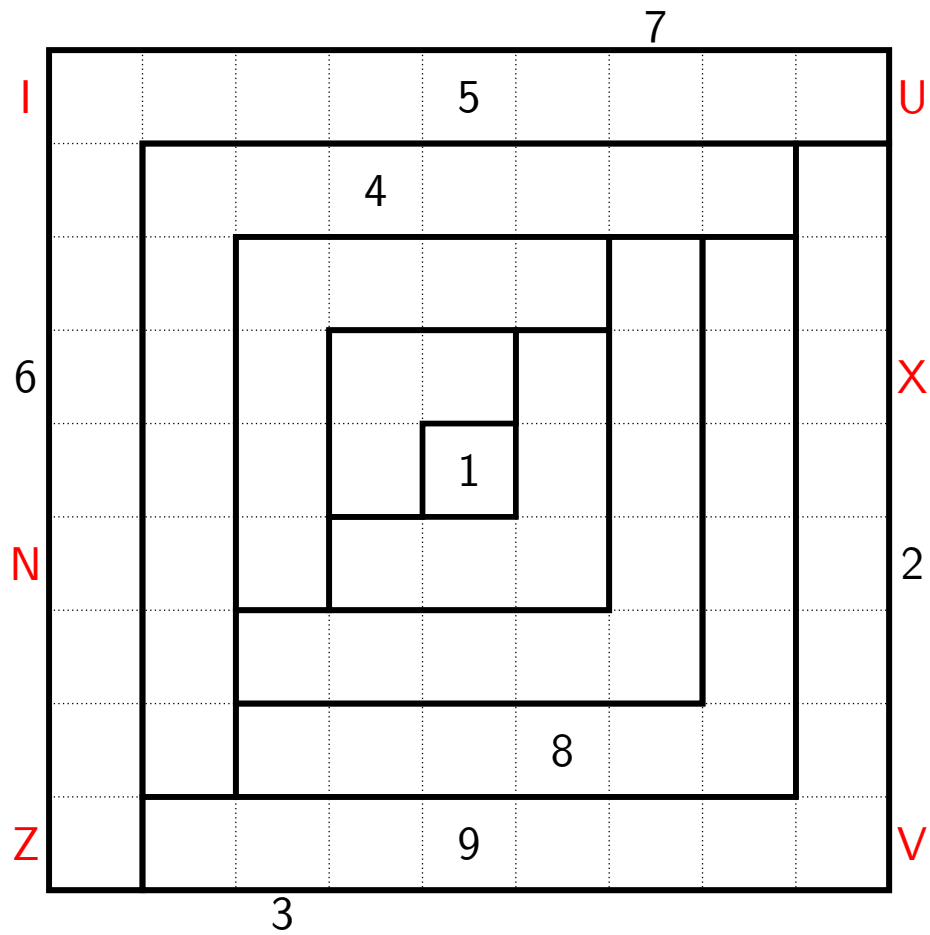
digits 3,6 are fighting over hook 4





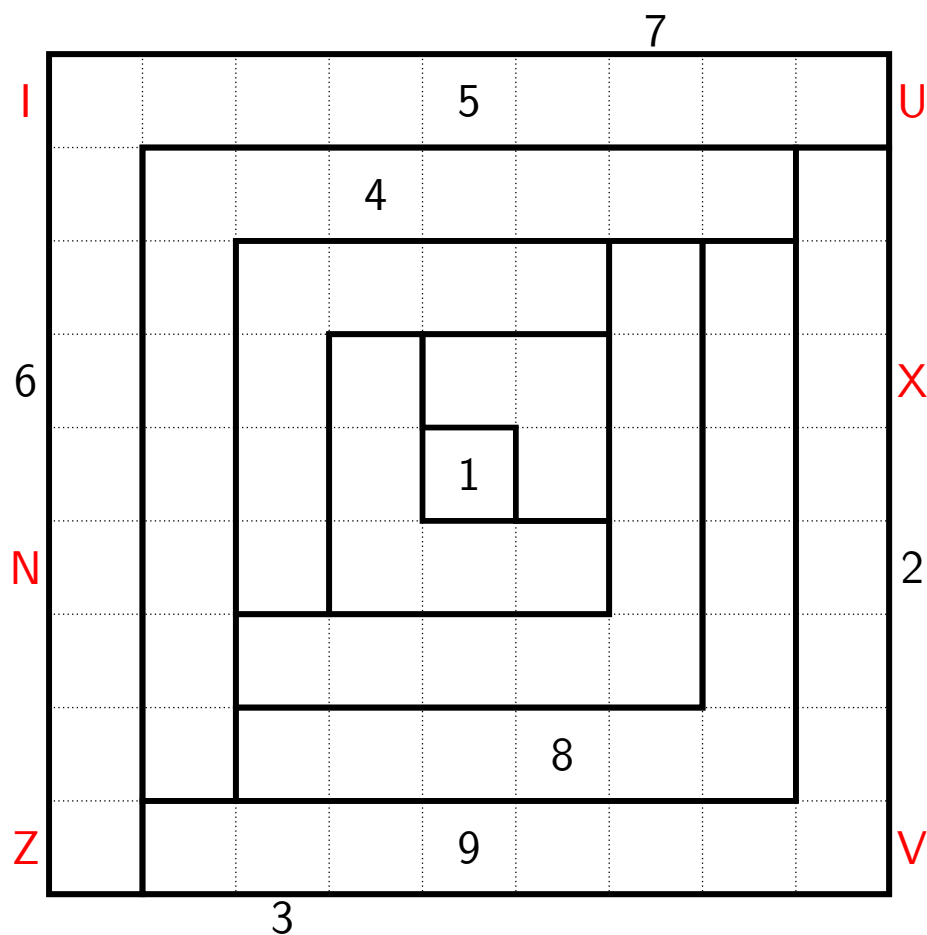
{1:1, 2:[2, 3], 3:4, 4:7, 5:9, 6:4, 7:5, 8:6, 9:8}

digits 3,6 are fighting over hook 4



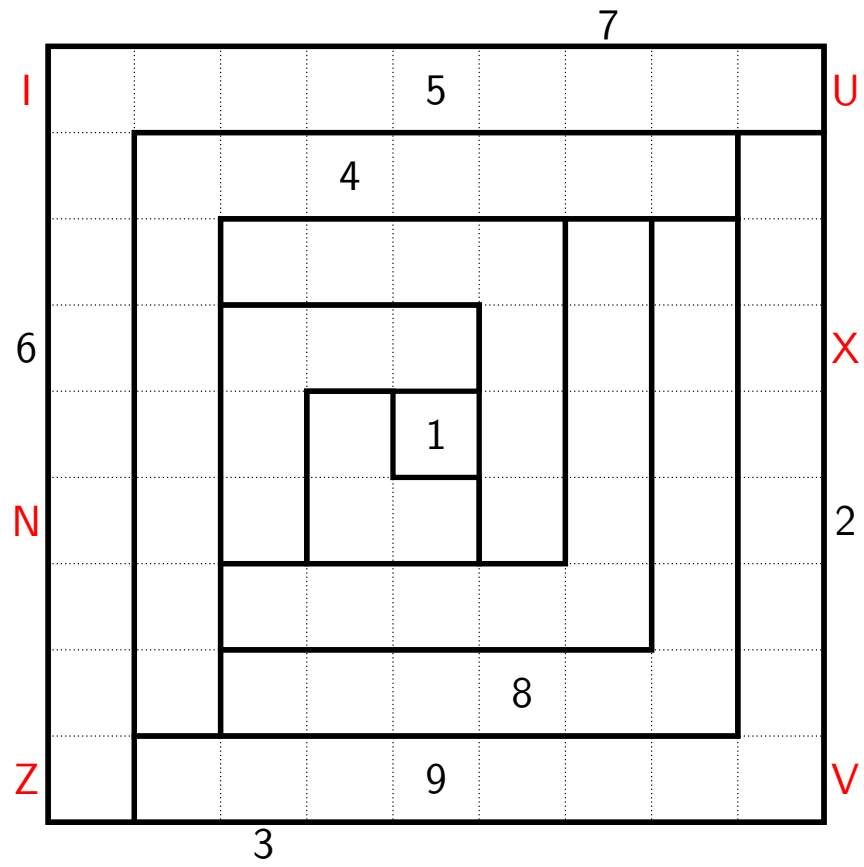
{1:1, 2:3, 3:4, 4:7, 5:9, 6:4, 7:5, 8:6, 9:8}

digits 3,6 are fighting over hook 4

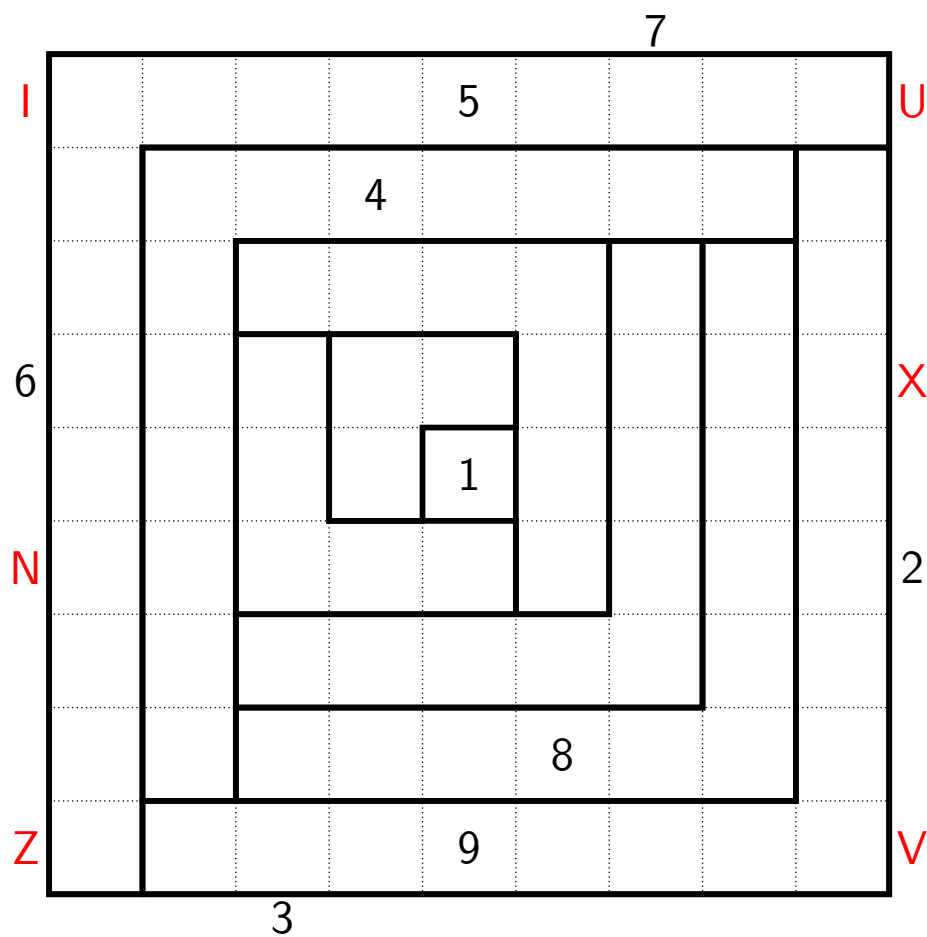


{1:1, 2:3, 3:4, 4:7, 5:9, 6:4, 7:5, 8:6, 9:8}

digits 3,6 are fighting over hook 4

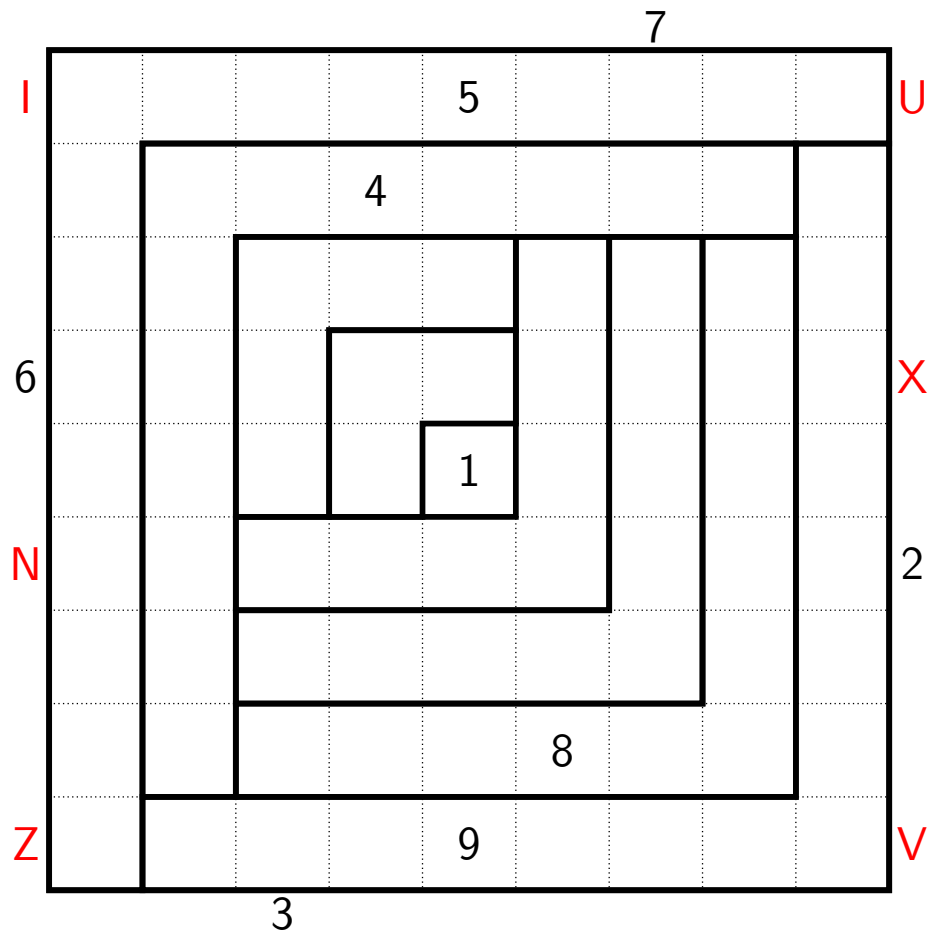


—1 : 1, 2 : 2, 3 : 3, 4 : 7, 5 : 9, 6 : 4, 7 : 5, 8 : 6, 9 : 8''



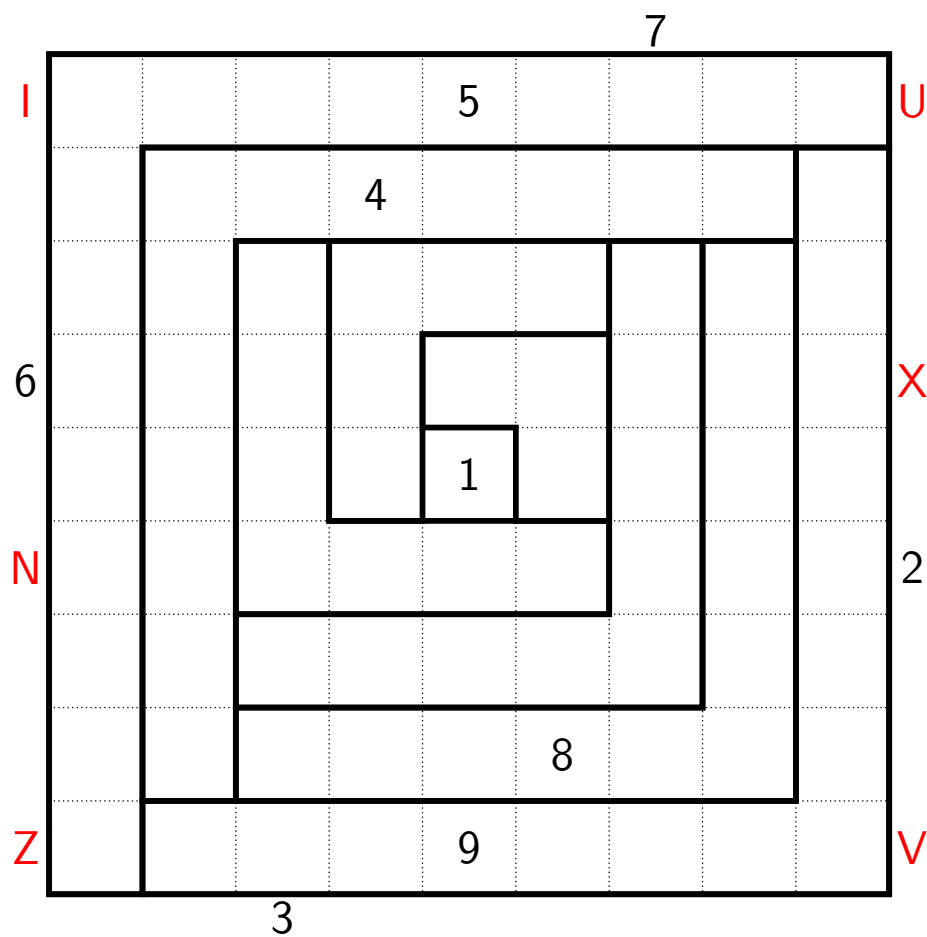
{1:1, 2:3, 3:3, 4:7, 5:9, 6:4, 7:5, 8:6, 9:8}

digits 2,3 are fighting over hook 3



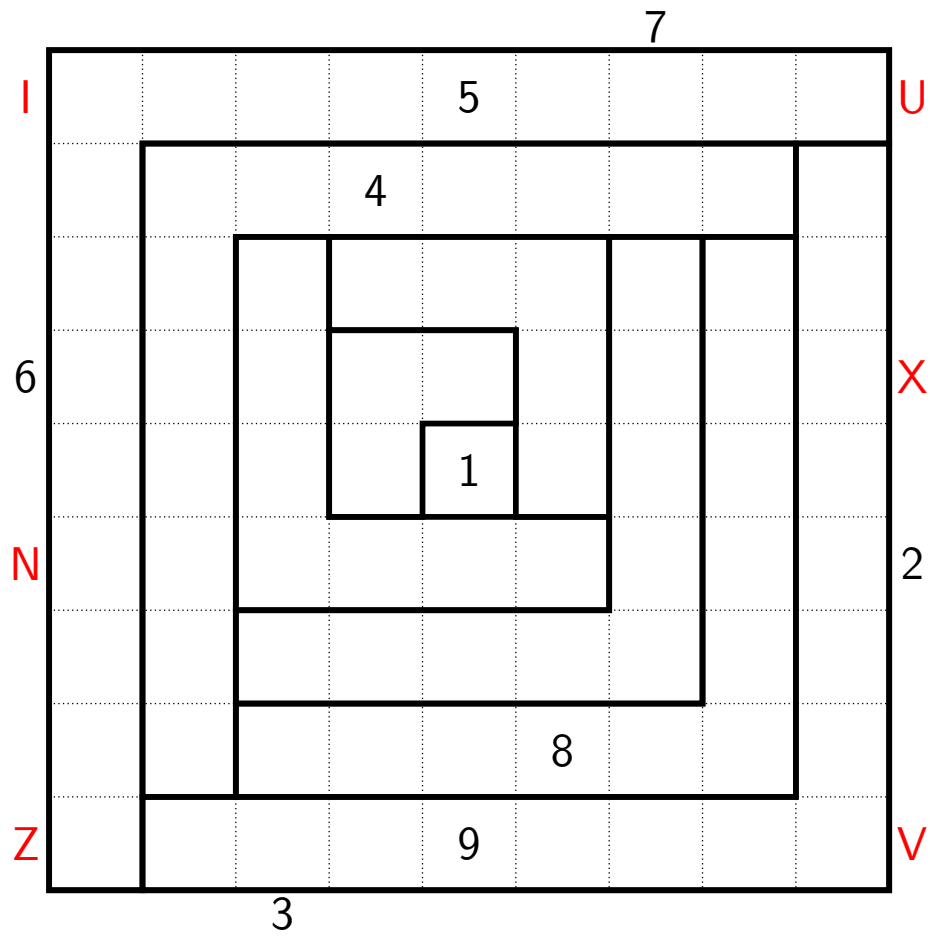
{1:1, 2:4, 3:3, 4:7, 5:9, 6:4, 7:5, 8:6, 9:8}

digits 2,6 are fighting over hook 4



{1:1, 2:4, 3:4, 4:7, 5:9, 6:4, 7:5, 8:6, 9:8}

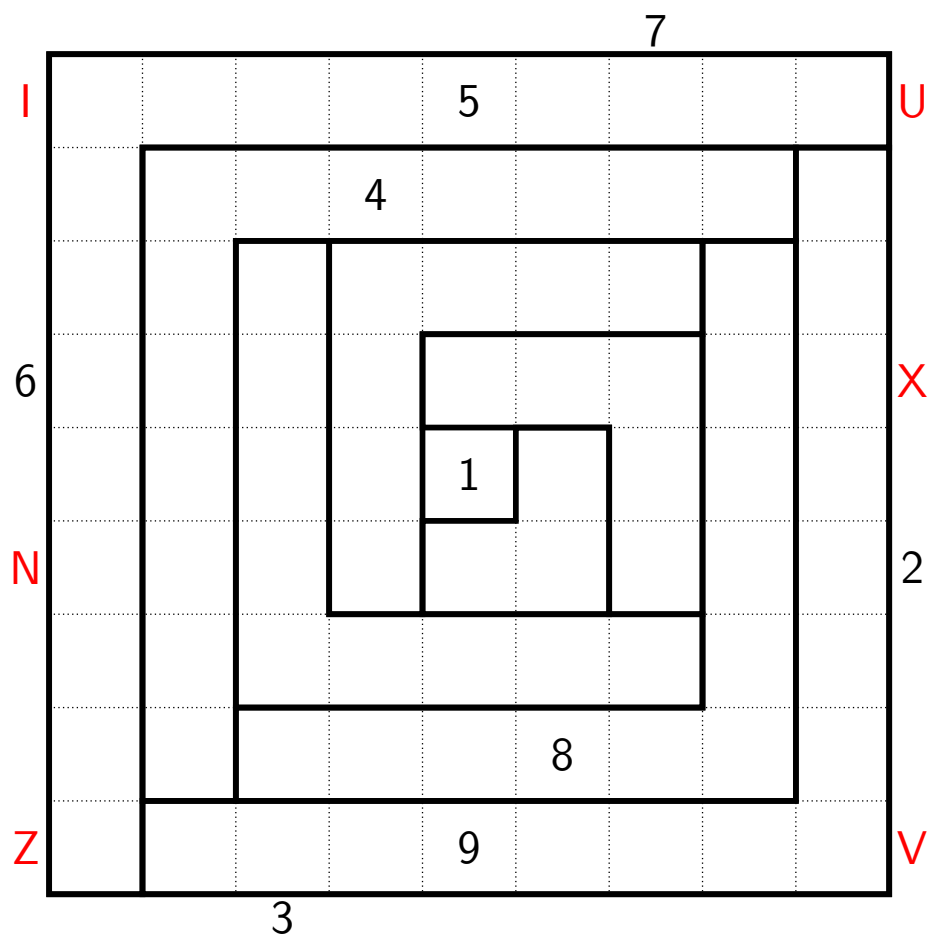
digits 2,3,6 are fighting over hook 4



{1:1, 2:4, 3:4, 4:7, 5:9, 6:4, 7:5, 8:6, 9:8}

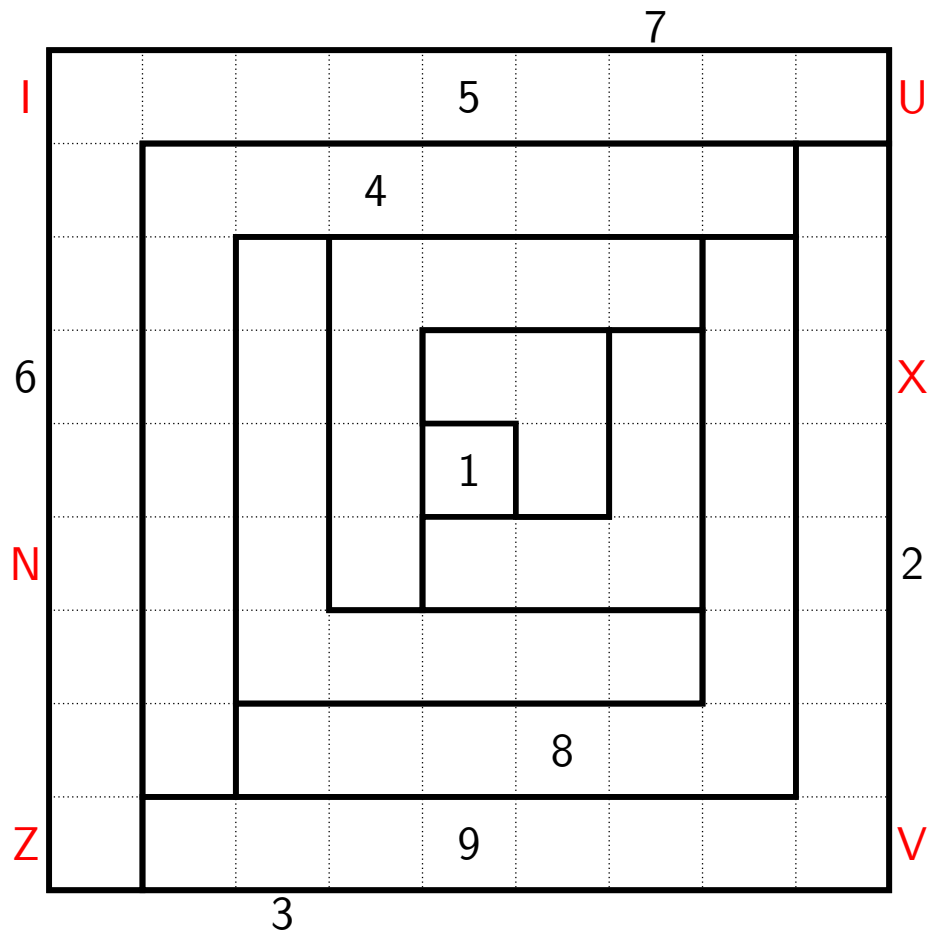
digits 2,3,6 are fighting over hook 4





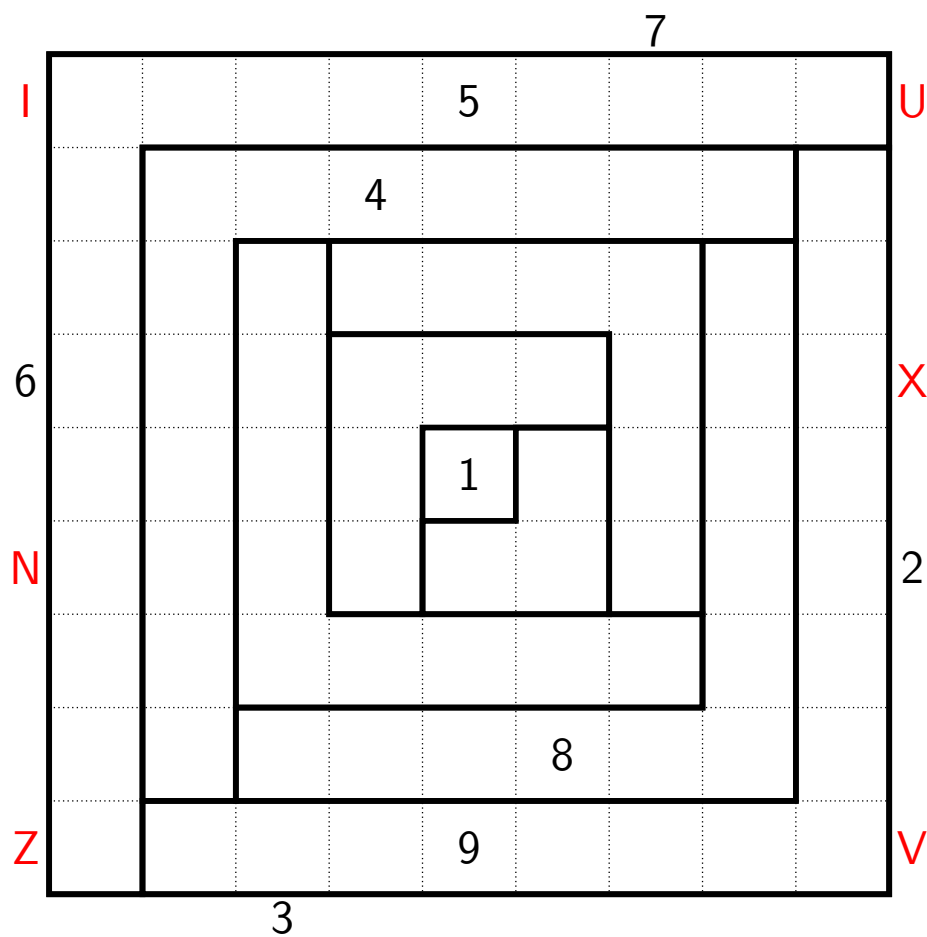
{1:1, 2:[2, 3], 3:5, 4:7, 5:9, 6:4, 7:[], 8:6, 9:8}

digit(s) 7 cannot be assigned to any hook



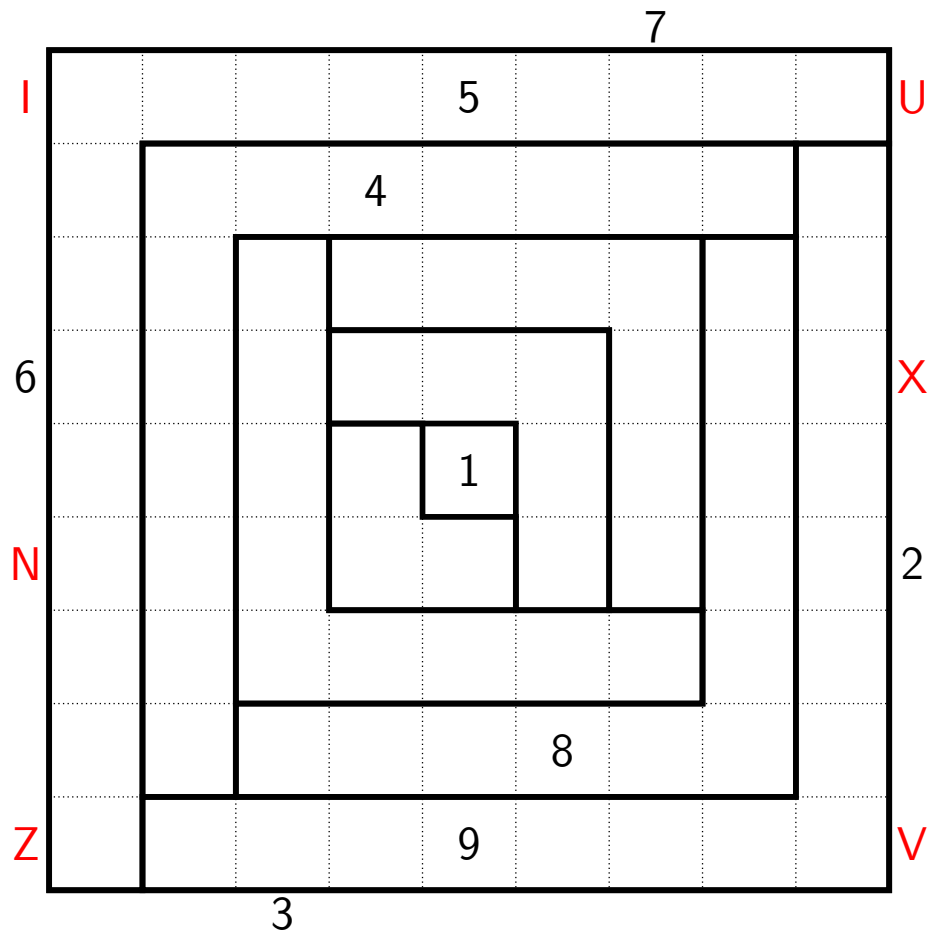
{1:1, 2:3, 3:5, 4:7, 5:9, 6:4, 7:[], 8:6, 9:8}

digit(s) 7 cannot be assigned to any hook



{1:1, 2:[2, 3], 3:5, 4:7, 5:9, 6:4, 7:[], 8:6, 9:8}

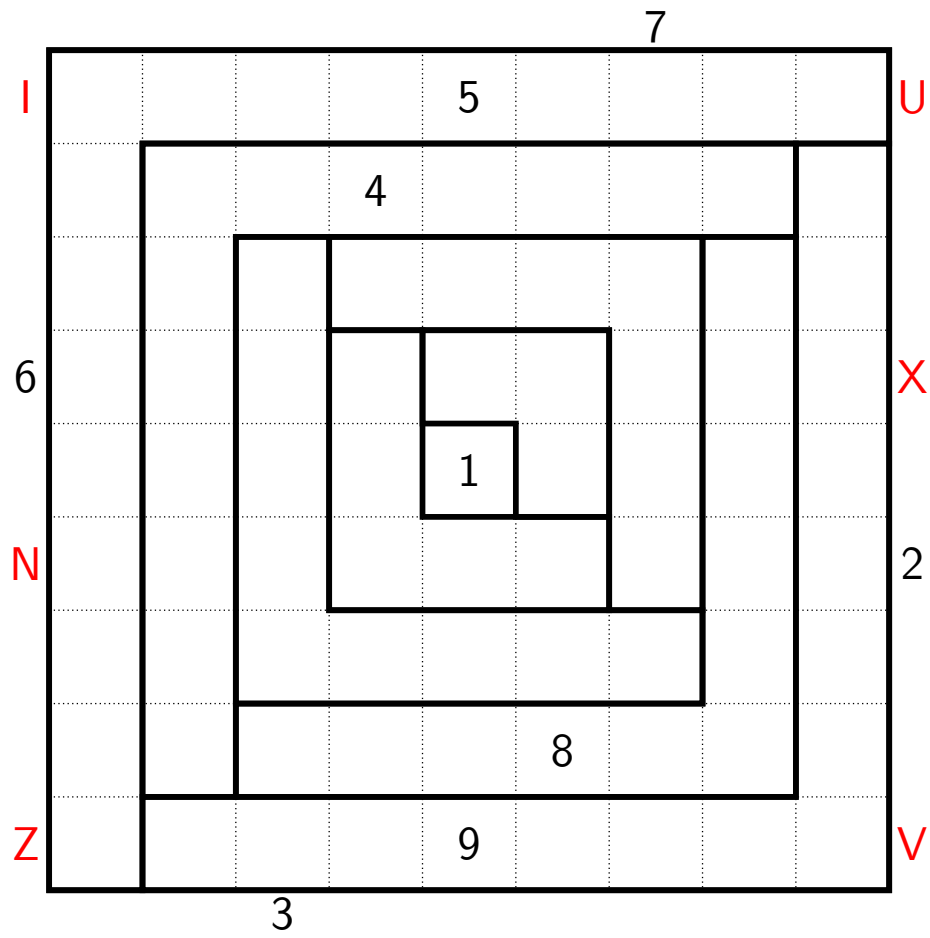
digit(s) 7 cannot be assigned to any hook



{1:1, 2:[2, 3], 3:5, 4:7, 5:9, 6:4, 7:[], 8:6, 9:8}

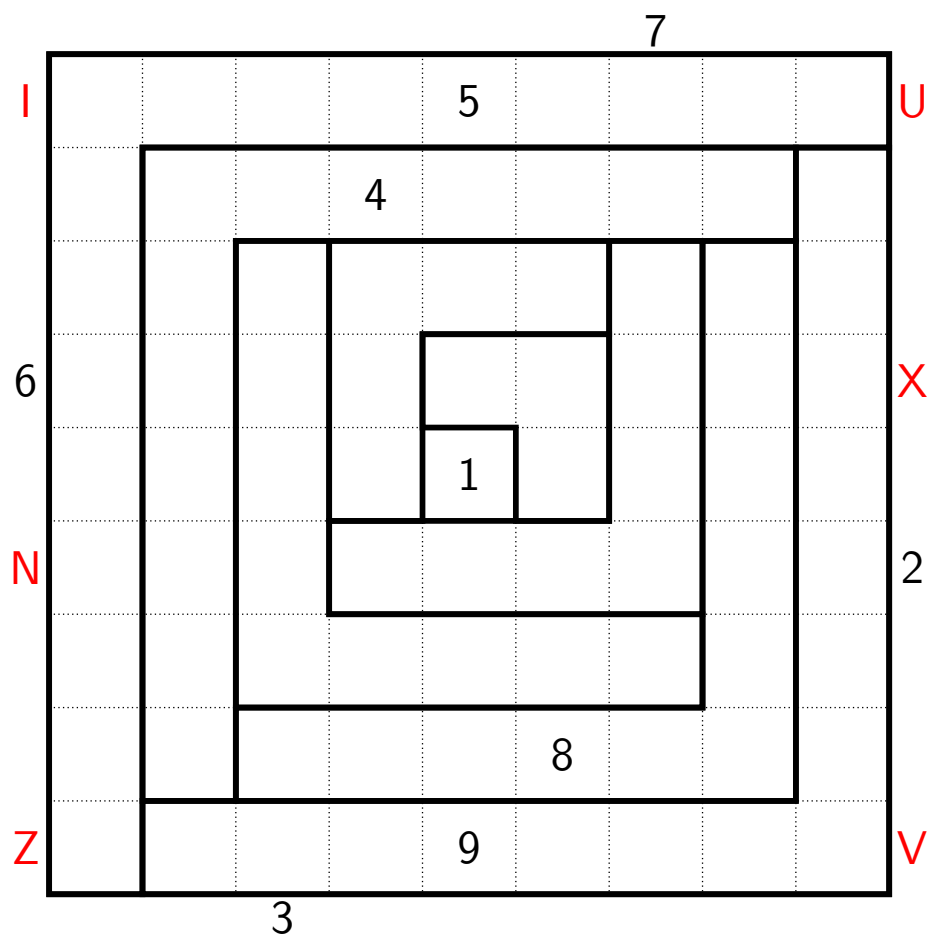
digit(s) 7 cannot be assigned to any hook

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digit(s) 7 cannot be assigned to any hook
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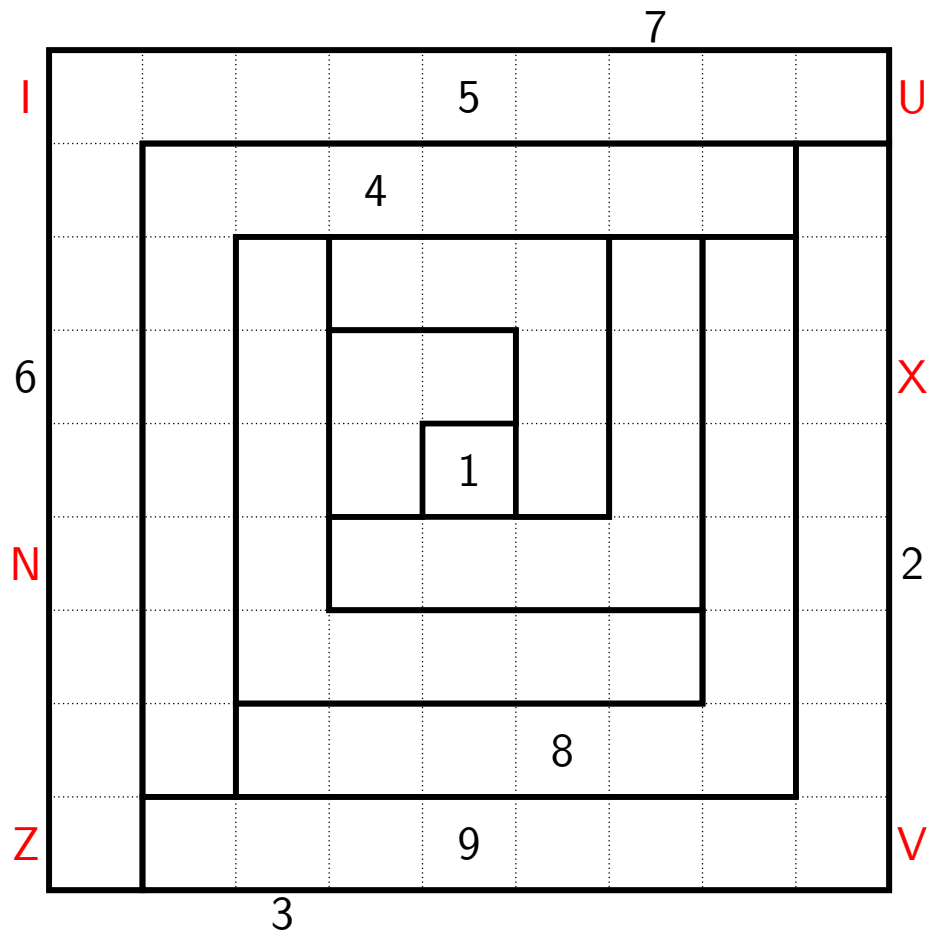
{1:1, 2:3, 3:5, 4:7, 5:9, 6:4, 7:[], 8:6, 9:8}

digit(s) 7 cannot be assigned to any hook



{1:1, 2:5, 3:5, 4:7, 5:9, 6:4, 7:[], 8:6, 9:8}

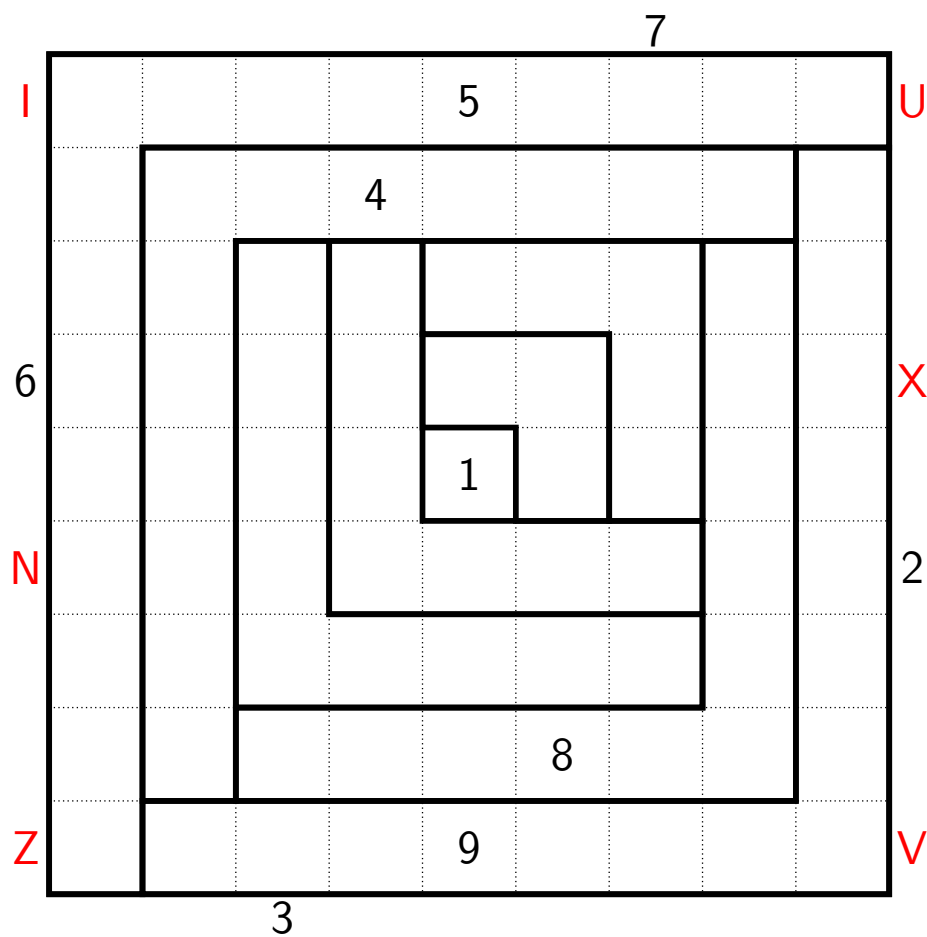
digits 2,3 are fighting over hook 5



{1:1, 2:5, 3:5, 4:7, 5:9, 6:4, 7:[], 8:6, 9:8}

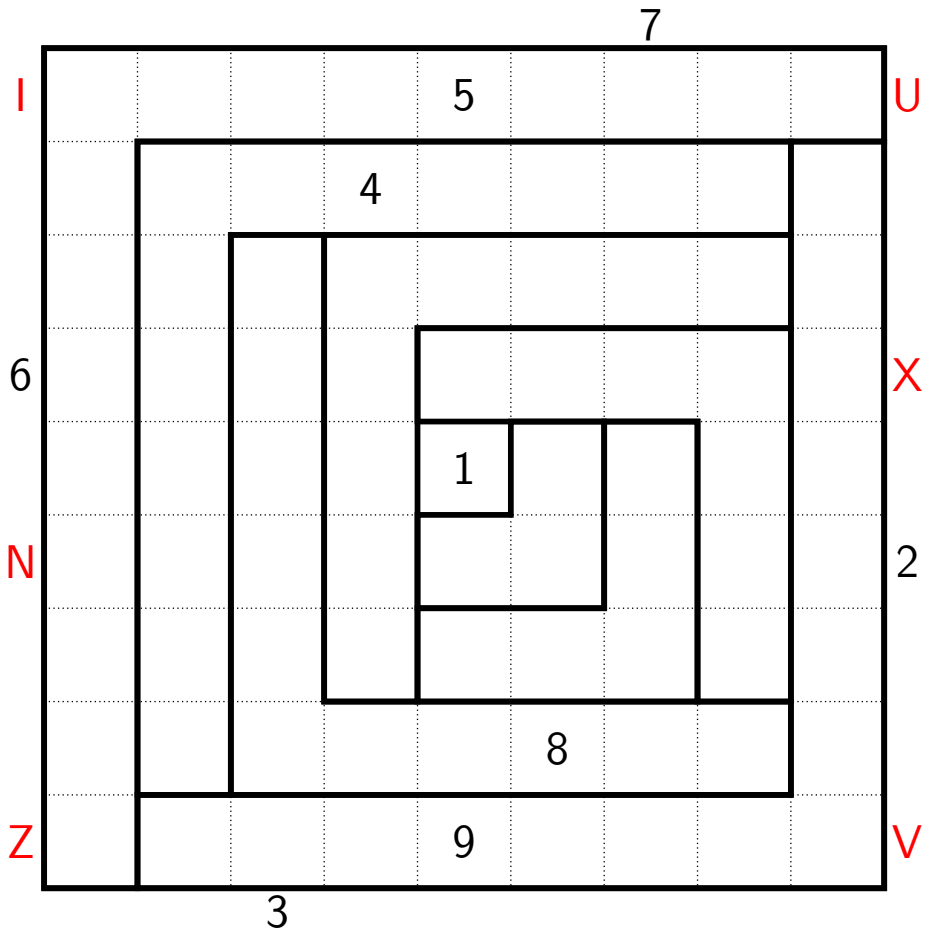
digits 2,3 are fighting over hook 5





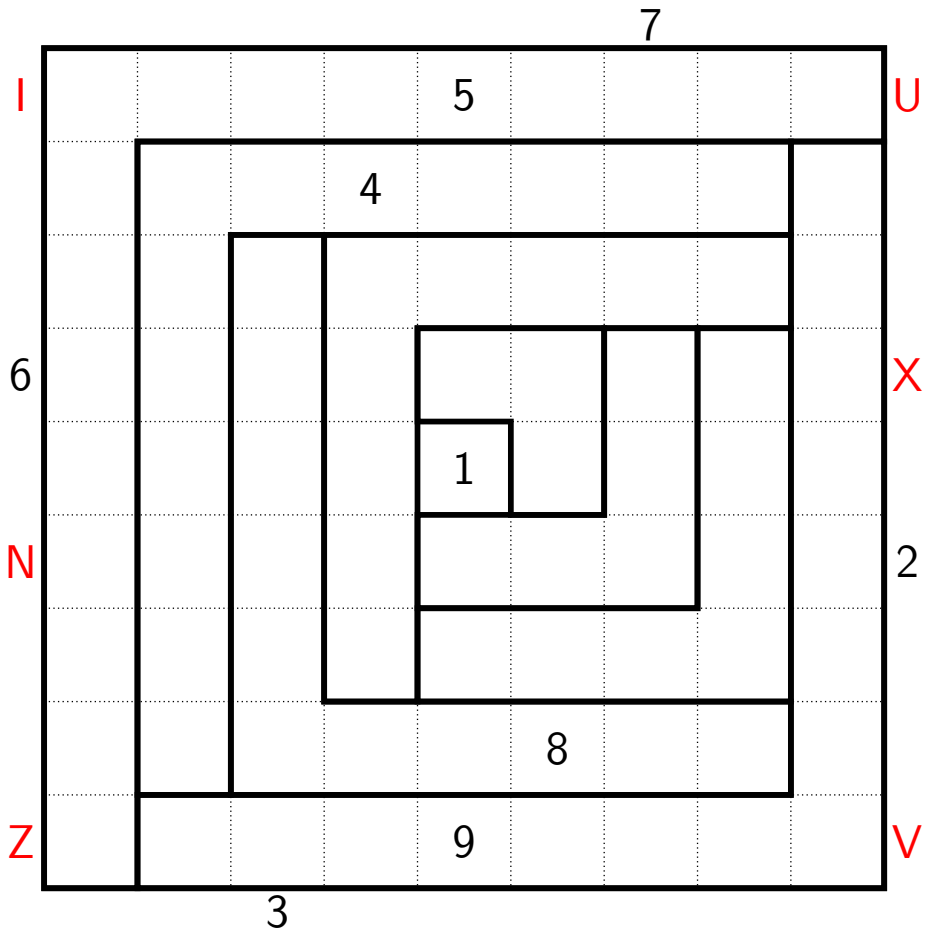
{1:1, 2:5, 3:5, 4:7, 5:9, 6:4, 7:[], 8:6, 9:8}

digits 2,3 are fighting over hook 5


$$\{1:1, 2:[2, 3, 4, 5], 3:[], 4:7, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:8\}$$

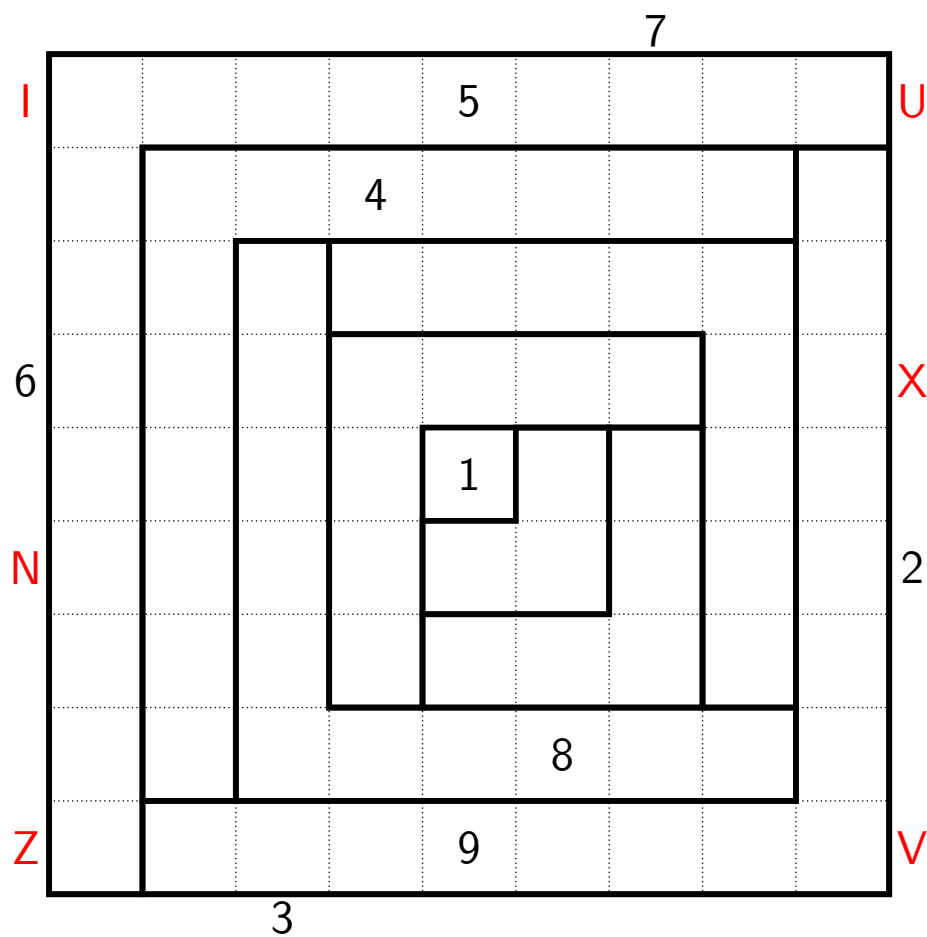
digit(s) 3 cannot be assigned to any hook

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digit(s) 3 cannot be assigned to any hook
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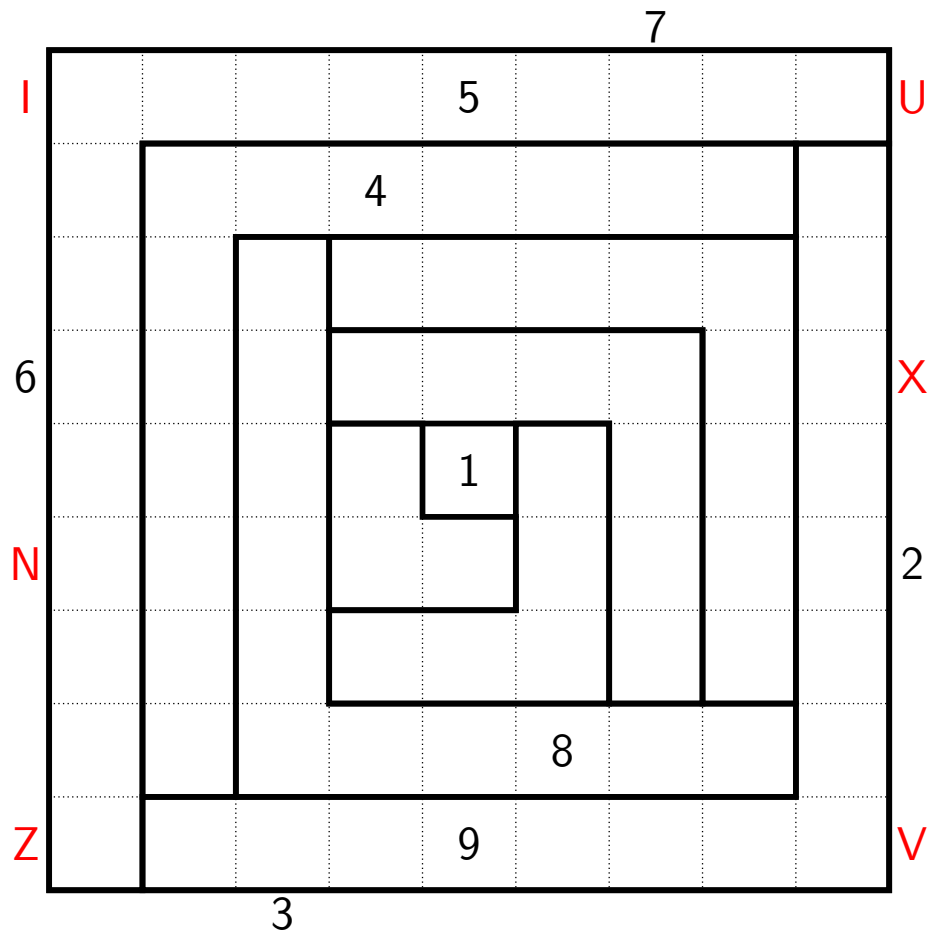
`{1:1, 2:[3, 4, 5], 3:[], 4:7, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:8}`

digit(s) 3 cannot be assigned to any hook



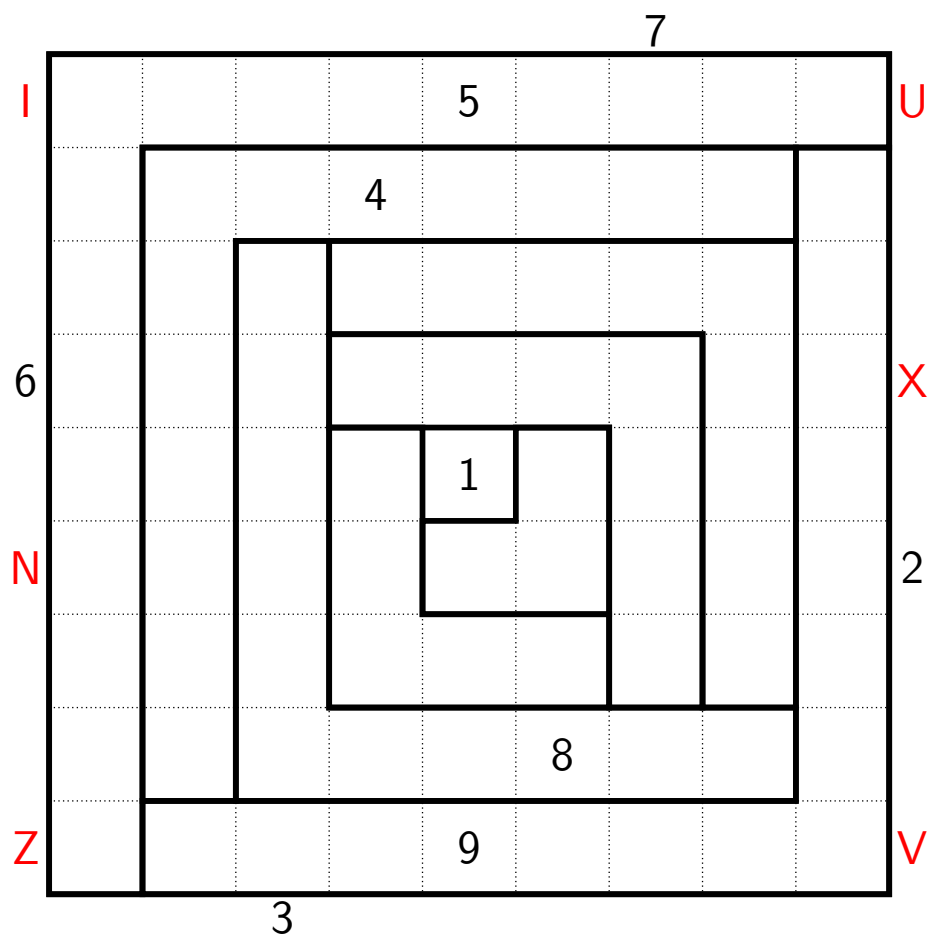
{1:1, 2:[2, 3, 4, 5], 3:[], 4:7, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:8}

digit(s) 3 cannot be assigned to any hook



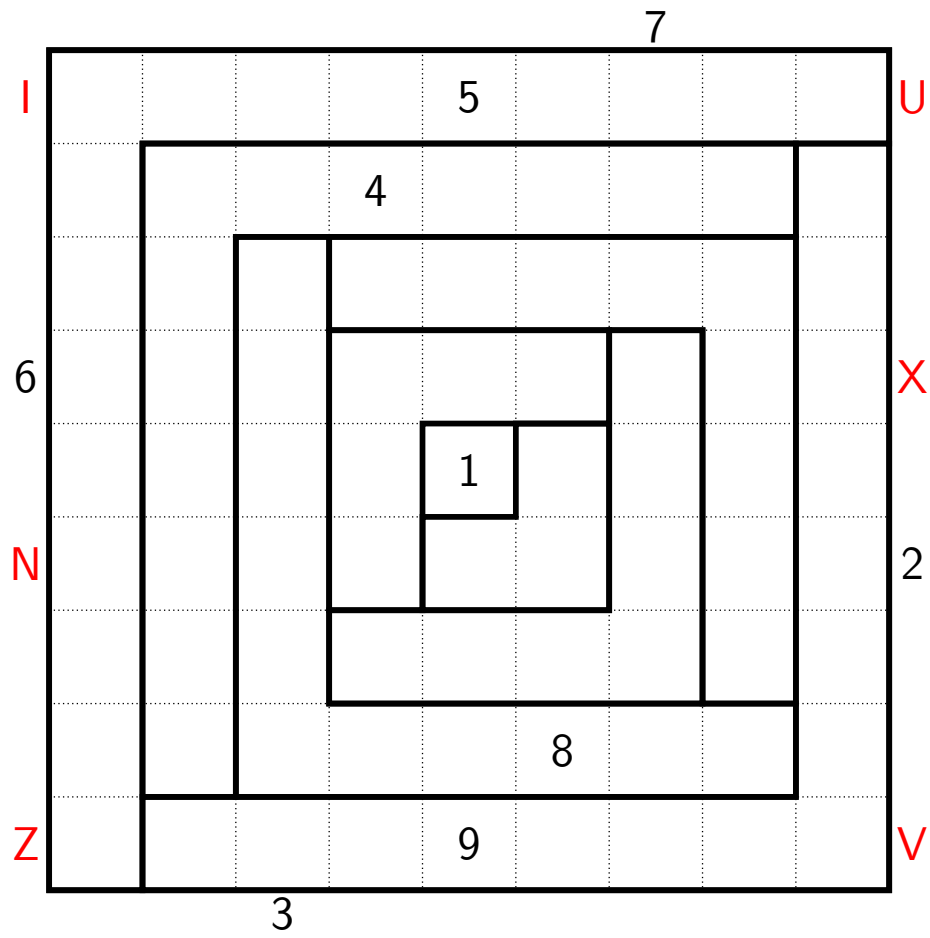
{1:1, 2:[2, 3, 4, 5], 3:[], 4:7, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:8}

digit(s) 3 cannot be assigned to any hook



{1:1, 2:[2, 3, 4, 5], 3:[], 4:7, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:8}

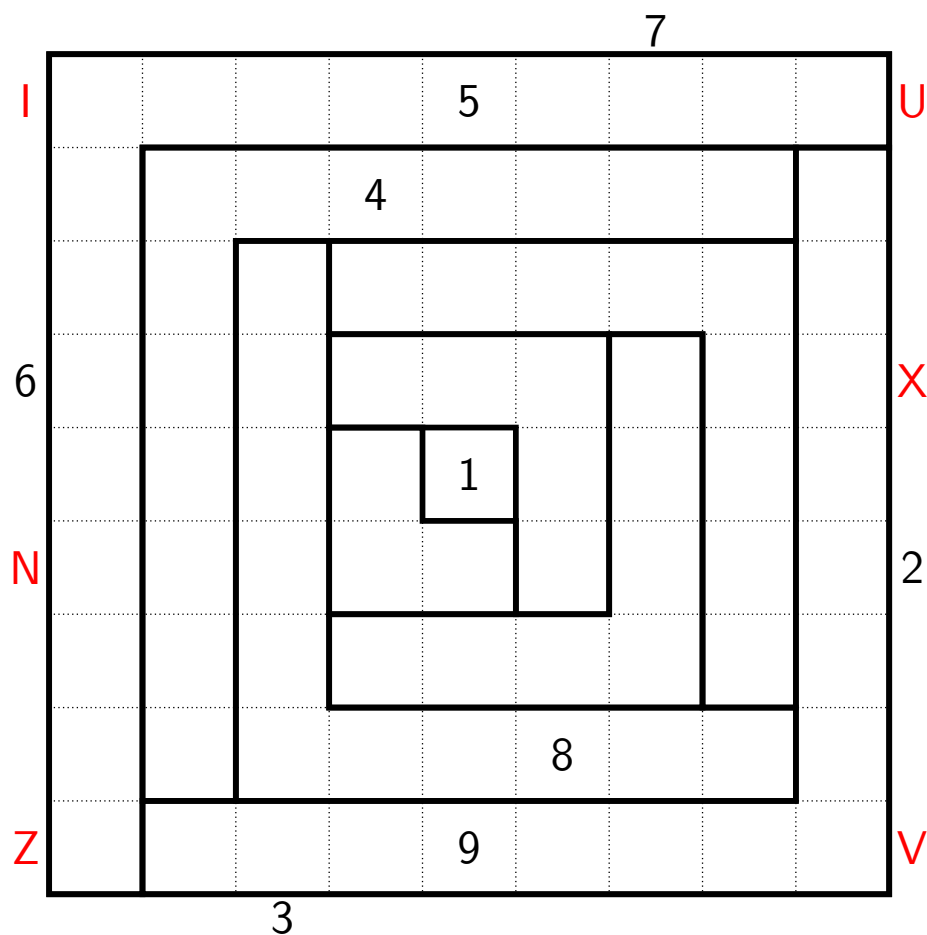
digit(s) 3 cannot be assigned to any hook



{1:1, 2:[2, 3, 4, 5], 3:[], 4:7, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:8}

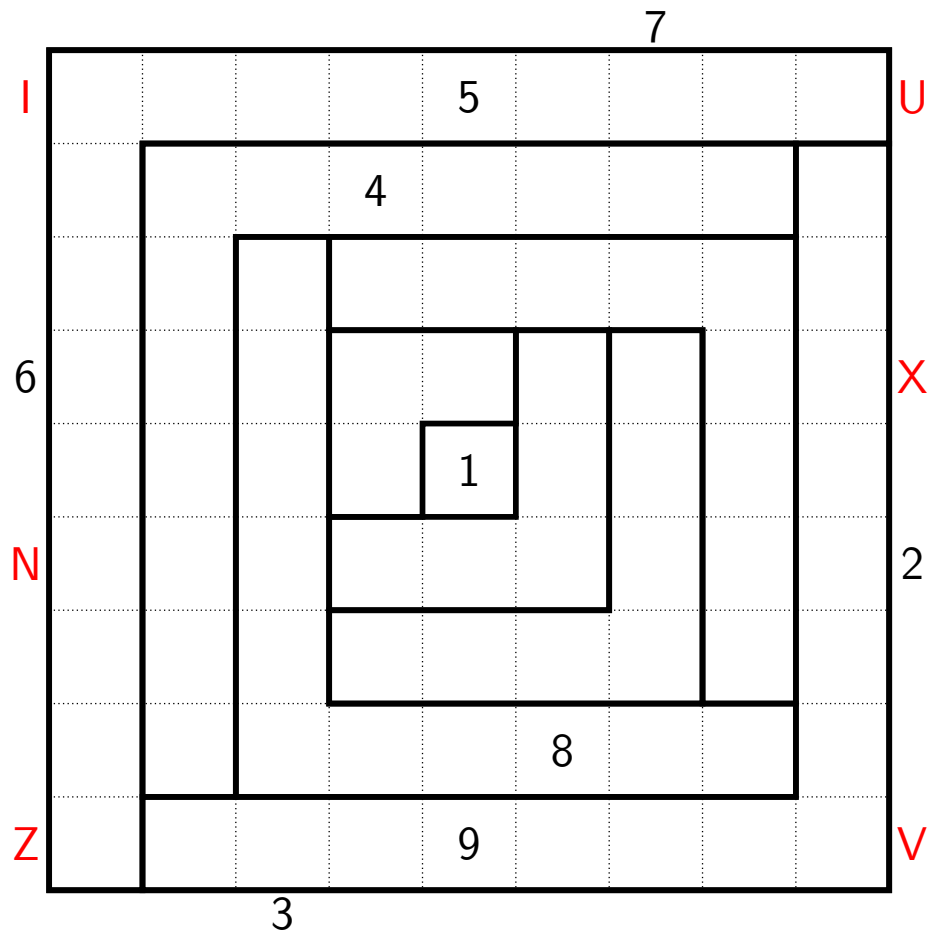
digit(s) 3 cannot be assigned to any hook





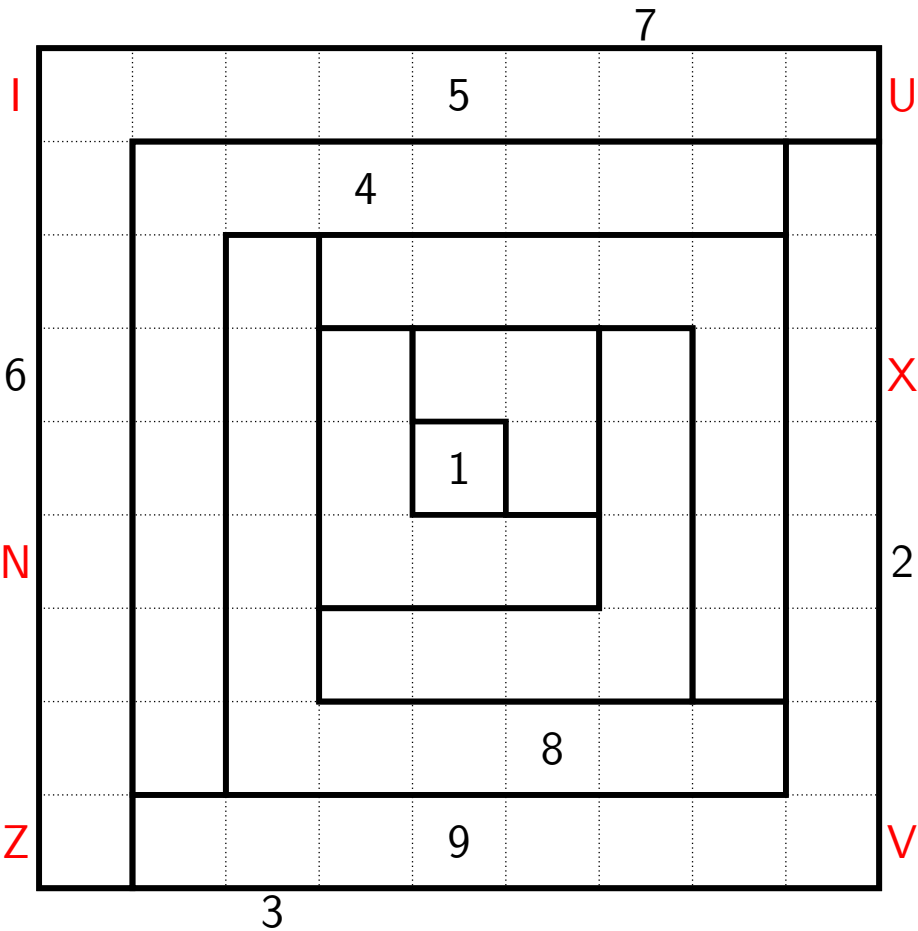
{1:1, 2:[2, 3, 4, 5], 3:[], 4:7, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:8}

digit(s) 3 cannot be assigned to any hook



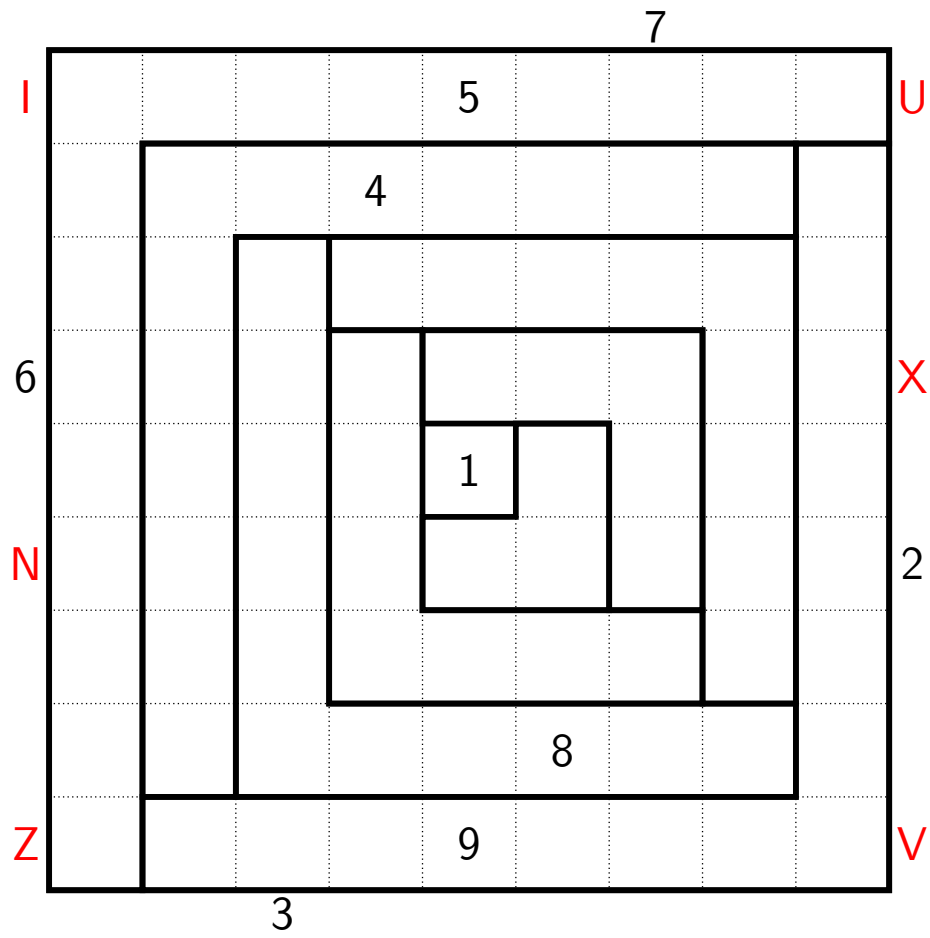
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{1:1, 2:[3, 4, 5], 3:[], 4:7, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:8}
```

digit(s) 3 cannot be assigned to any hook



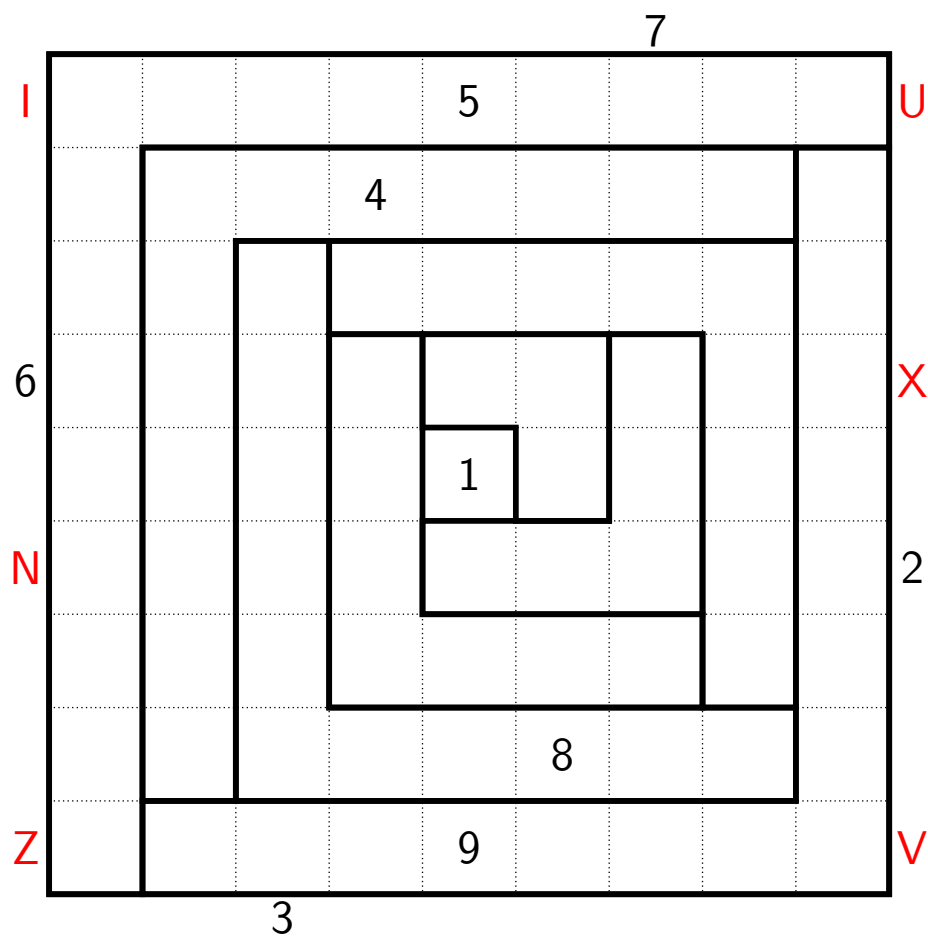
{1:1, 2:[3, 4, 5], 3:[], 4:7, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:8}

digit(s) 3 cannot be assigned to any hook



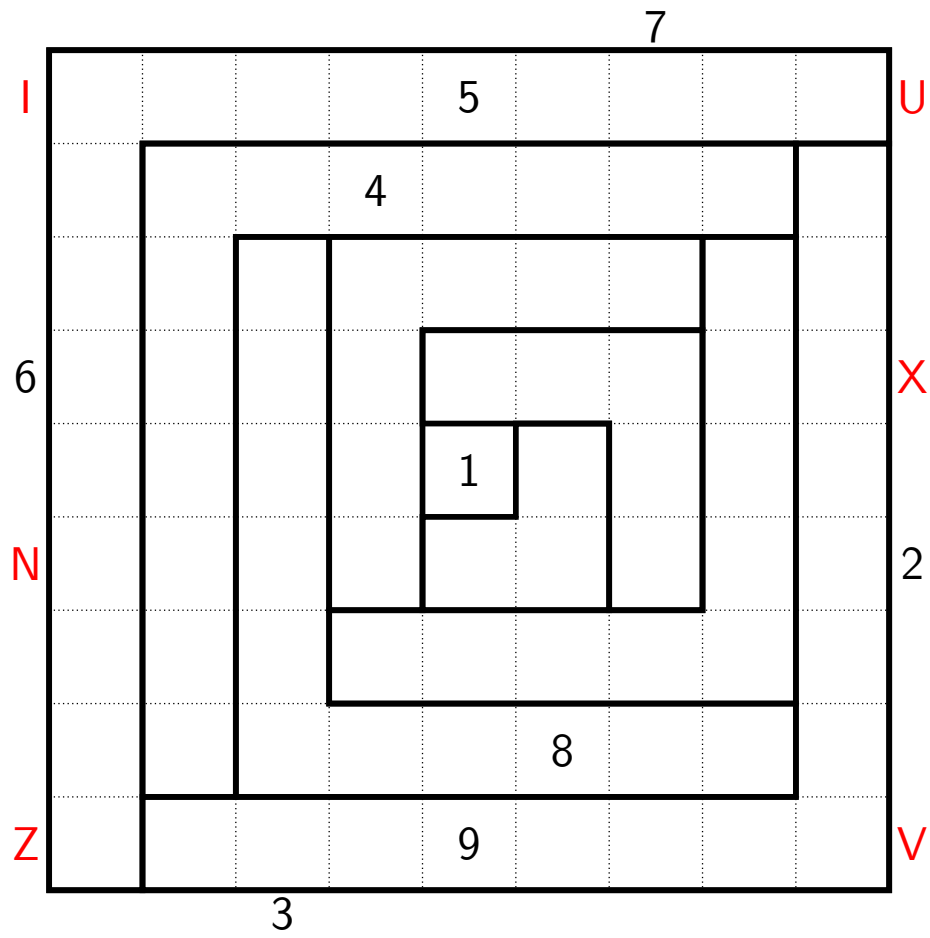
{1:1, 2:[2, 3, 4, 5], 3:[], 4:7, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:8}

digit(s) 3 cannot be assigned to any hook



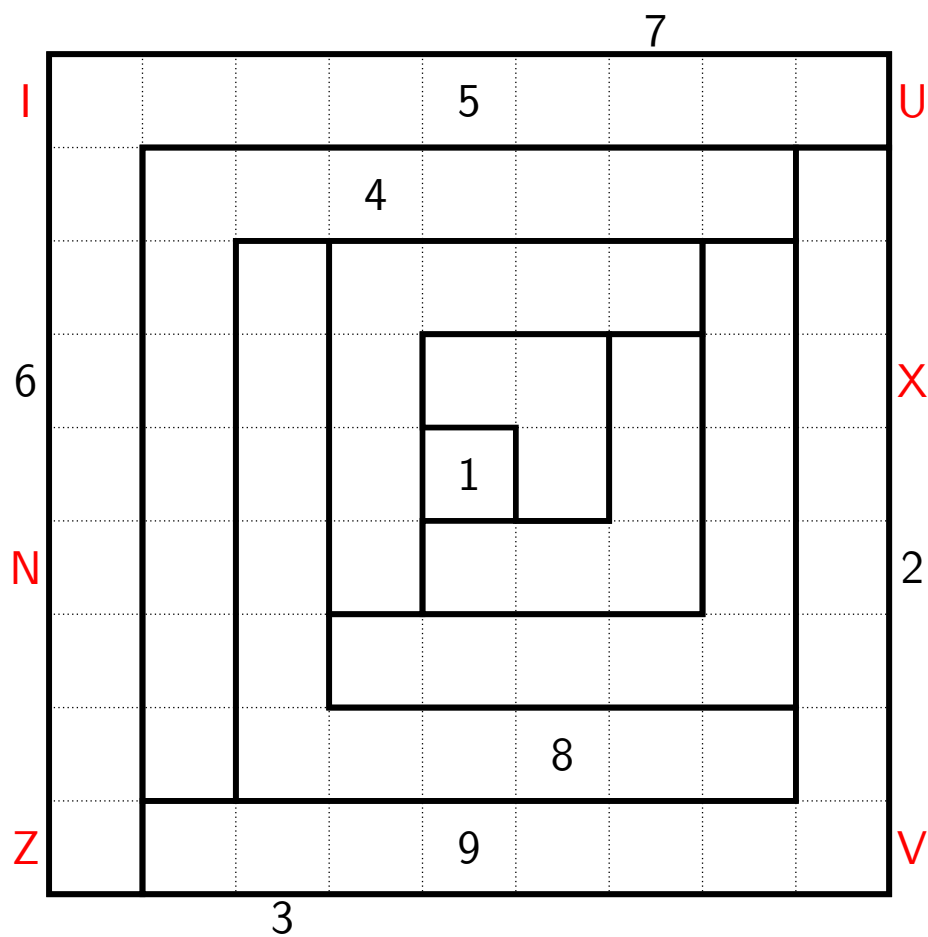
{1:1, 2:[3, 4, 5], 3:[], 4:7, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:8}

digit(s) 3 cannot be assigned to any hook



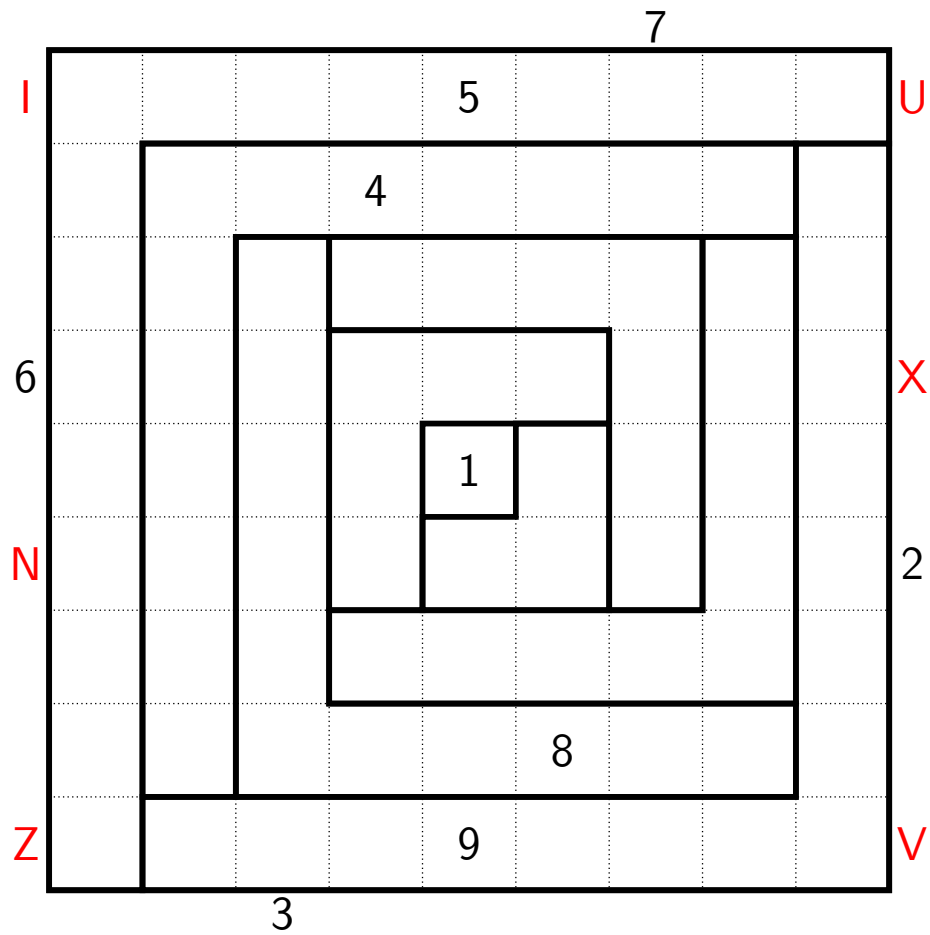
{1:1, 2:[2, 3, 4, 5], 3:[], 4:7, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:8}

digit(s) 3 cannot be assigned to any hook



{1:1, 2:[3, 4, 5], 3:[], 4:7, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:8}

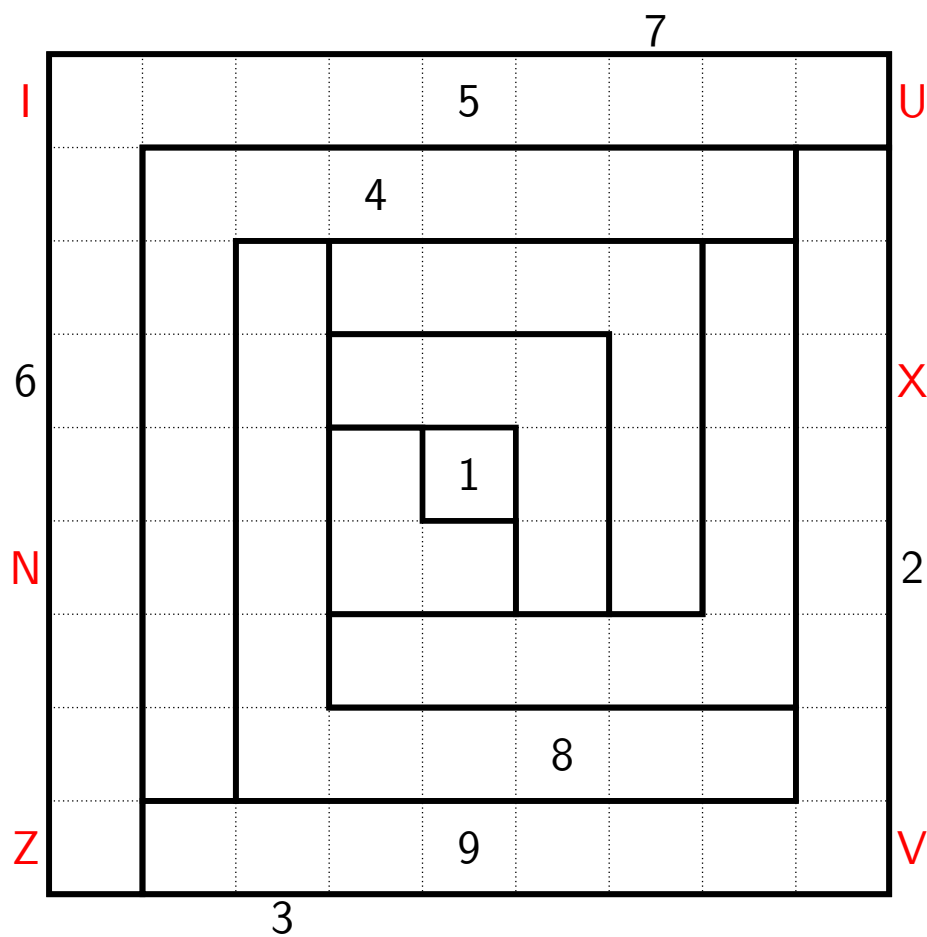
digit(s) 3 cannot be assigned to any hook



{1:1, 2:[2, 3, 4, 5], 3:[], 4:7, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:8}

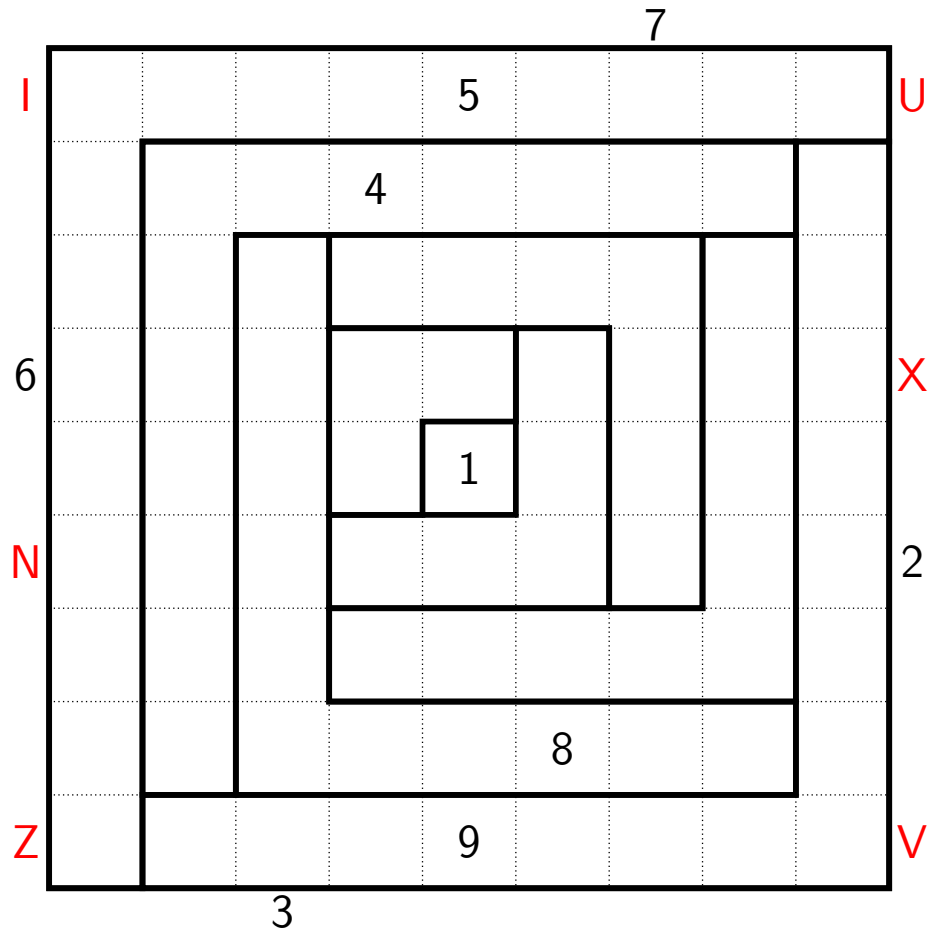
digit(s) 3 cannot be assigned to any hook





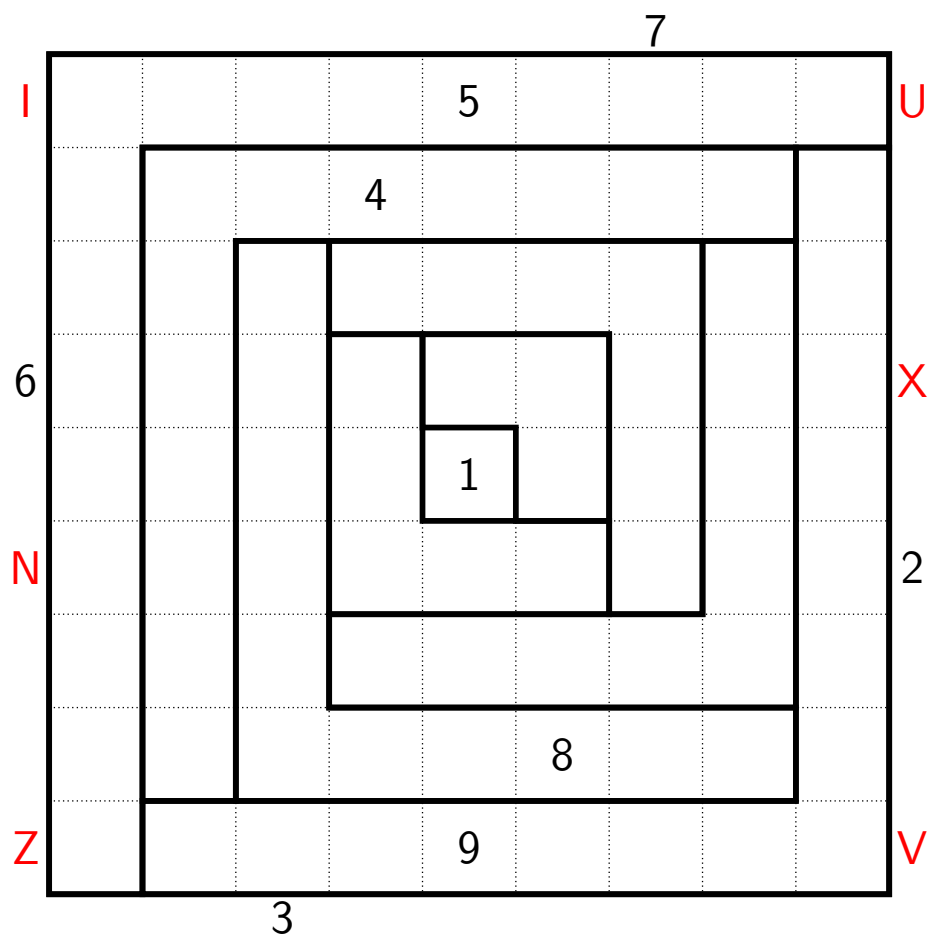
{1:1, 2:[2, 3, 4, 5], 3:[], 4:7, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:8}

digit(s) 3 cannot be assigned to any hook



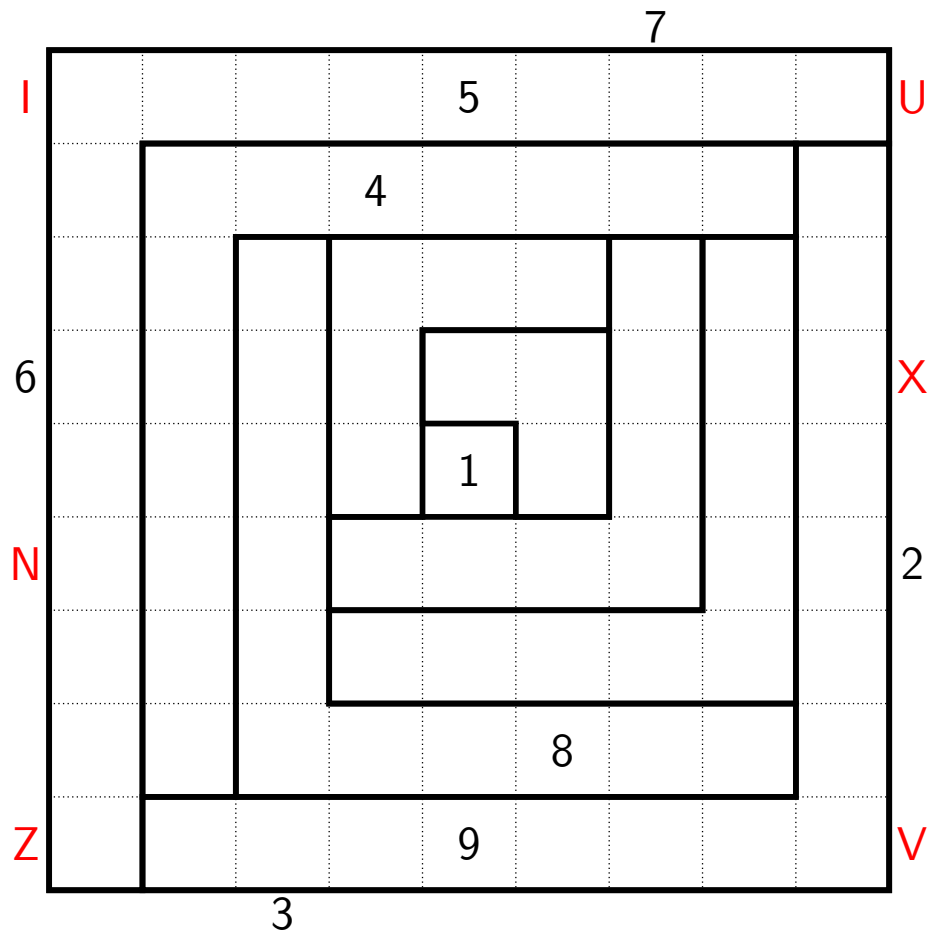
```
{1:1, 2:[3, 4, 5], 3:[], 4:7, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:8}
```

digit(s) 3 cannot be assigned to any hook



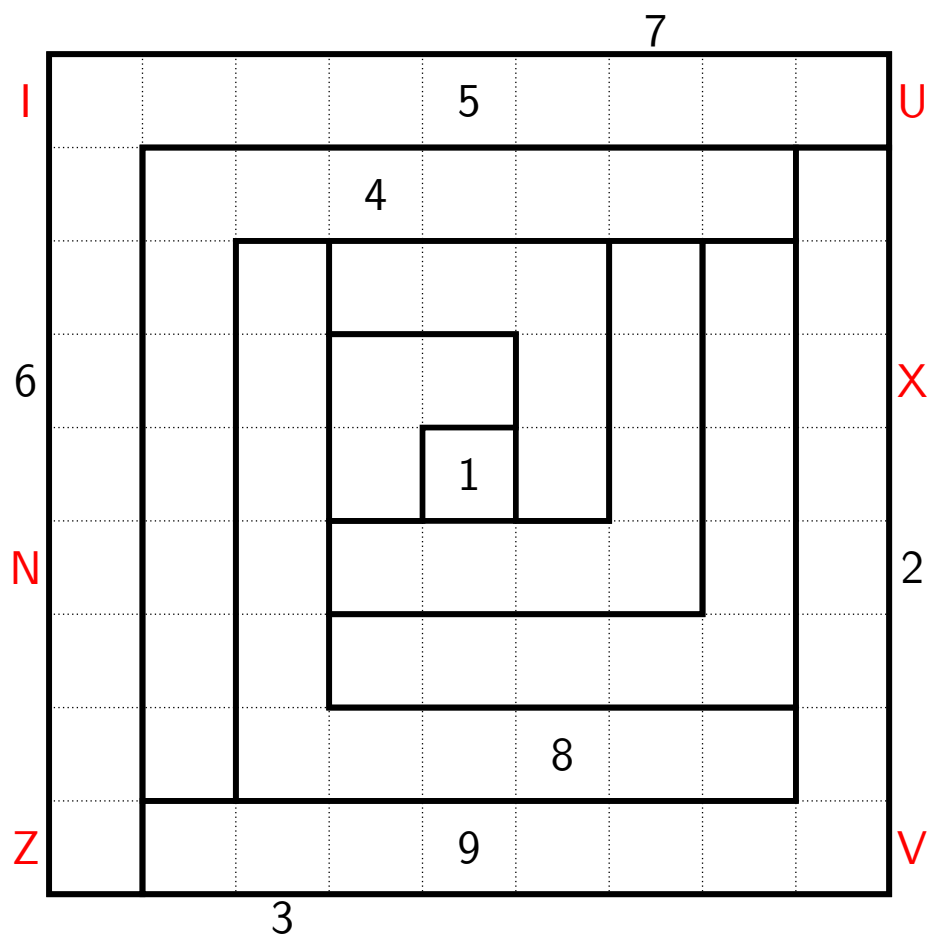
{1:1, 2:[3, 4, 5], 3:[], 4:7, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:8}

digit(s) 3 cannot be assigned to any hook



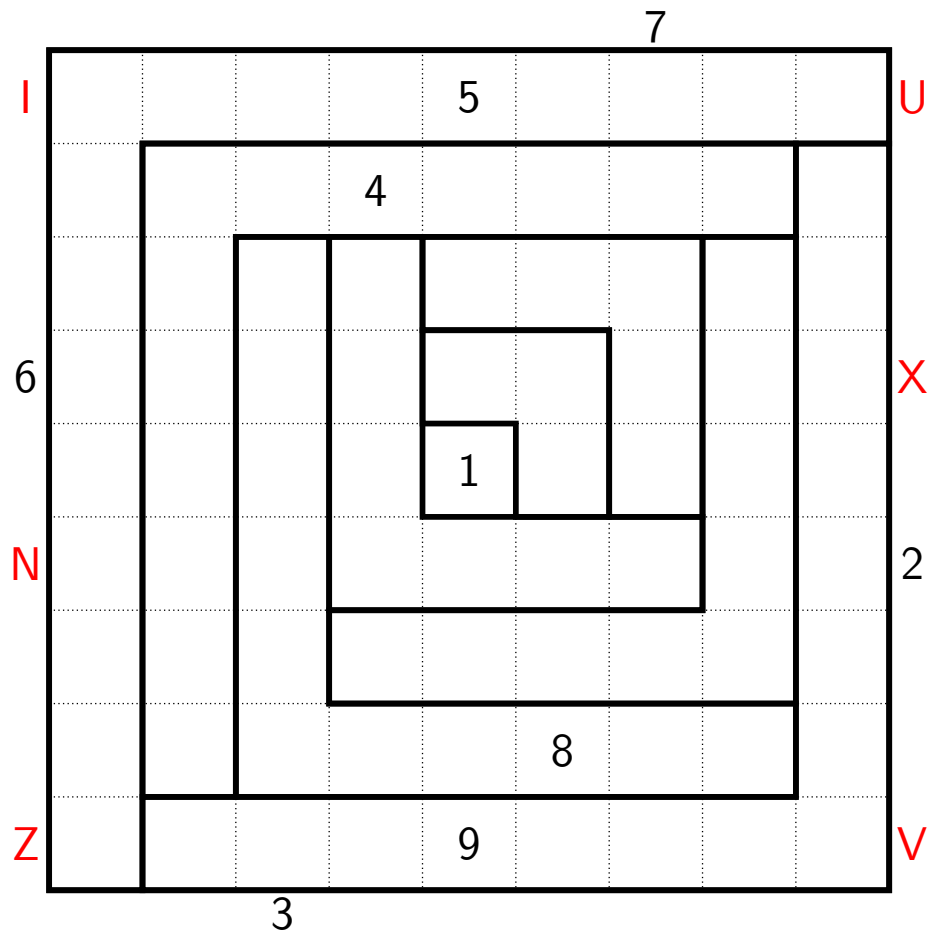
{1:1, 2:[4, 5], 3:[], 4:7, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:8}

there are more uncertain digits (2,6,7) than available hooks (4,5)



{1:1, 2:[4, 5], 3:[], 4:7, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:8}

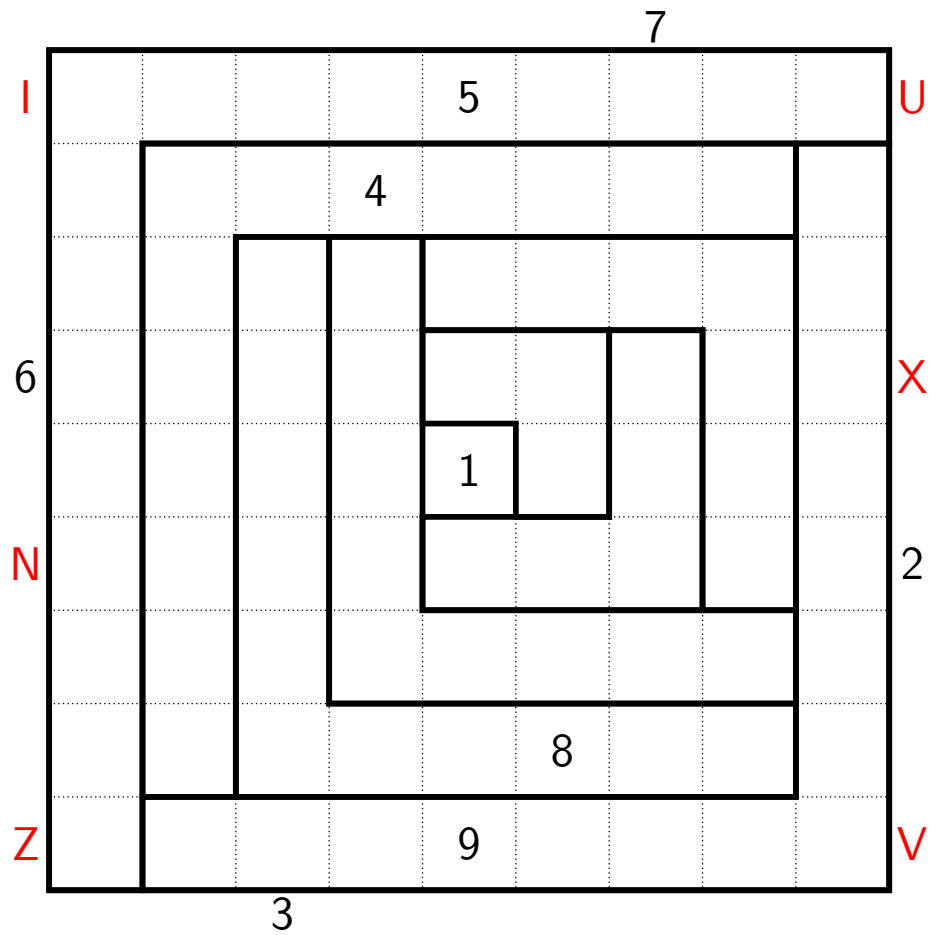
there are more uncertain digits (2,6,7) than available hooks (4,5)



{1:1, 2:[4, 5], 3:[], 4:7, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:8}

there are more uncertain digits (2,6,7) than available hooks (4,5)

```
digit(s) 3 cannot be assigned to any hook
```

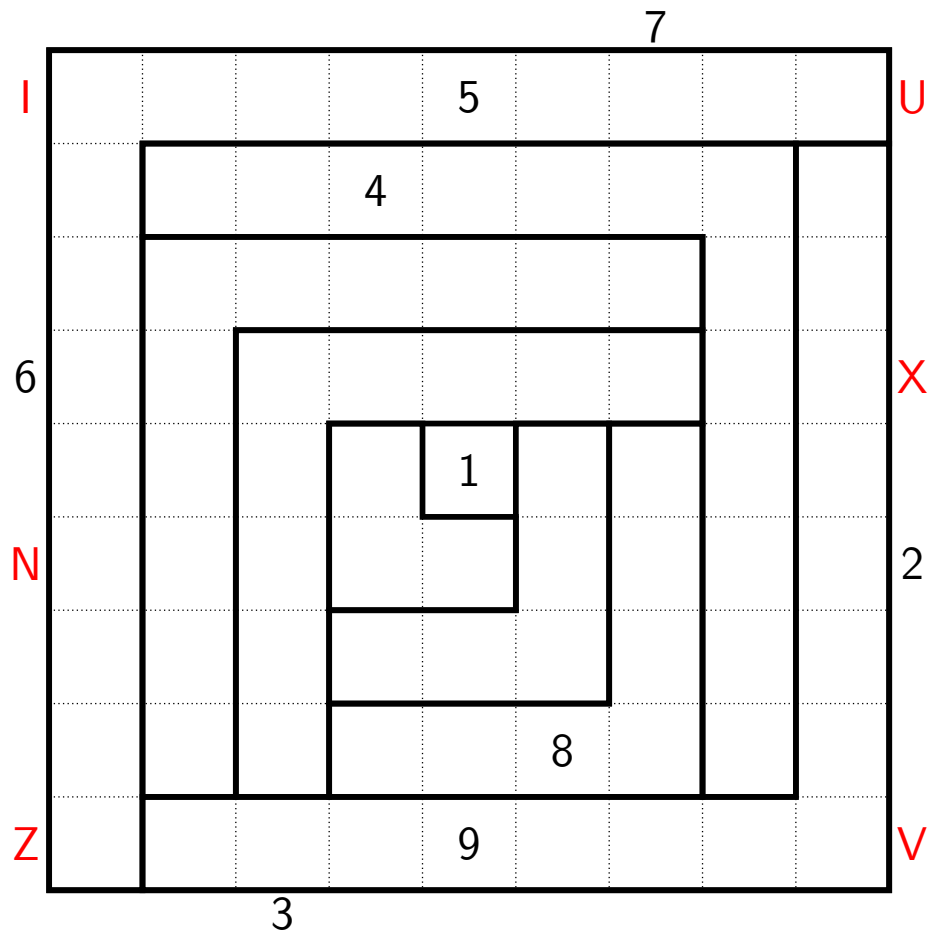


{1:1, 2:[3, 4, 5], 3:[], 4:7, 5:9, 6:[4, 5], 7:[4, 5], 8:6, 9:8}

digit(s) 3 cannot be assigned to any hook

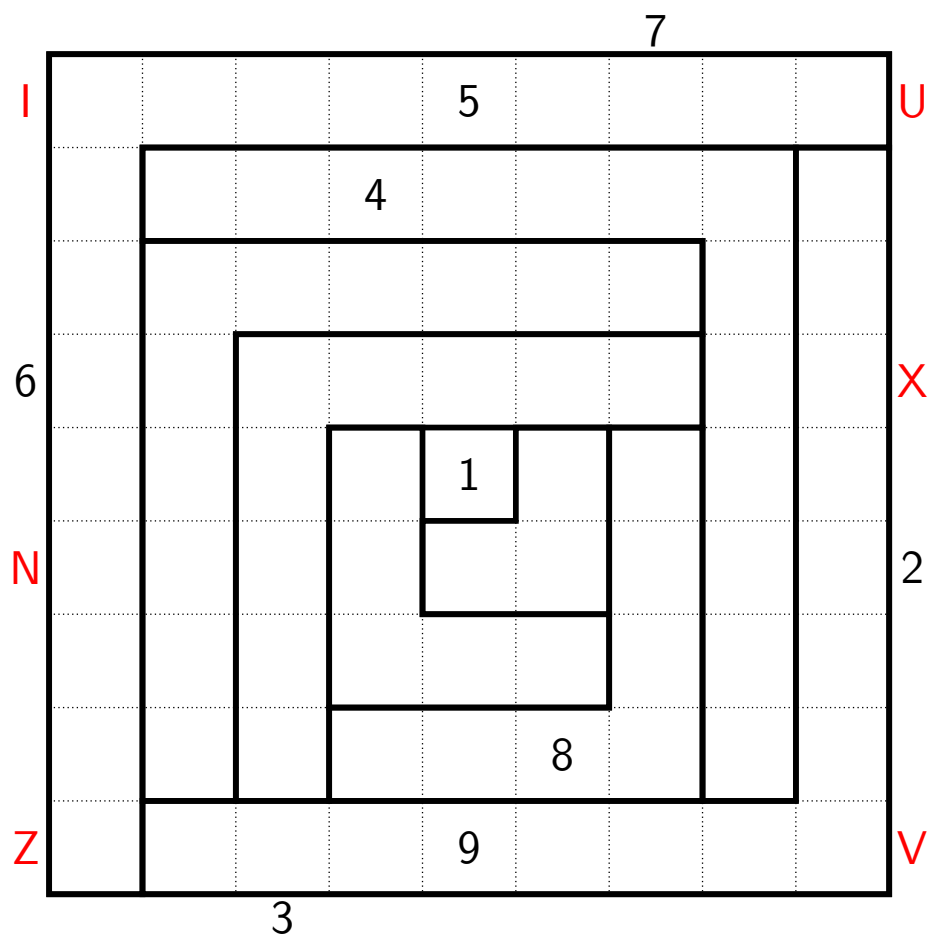


there are more uncertain digits (2,6,7) than available hooks (4,5)



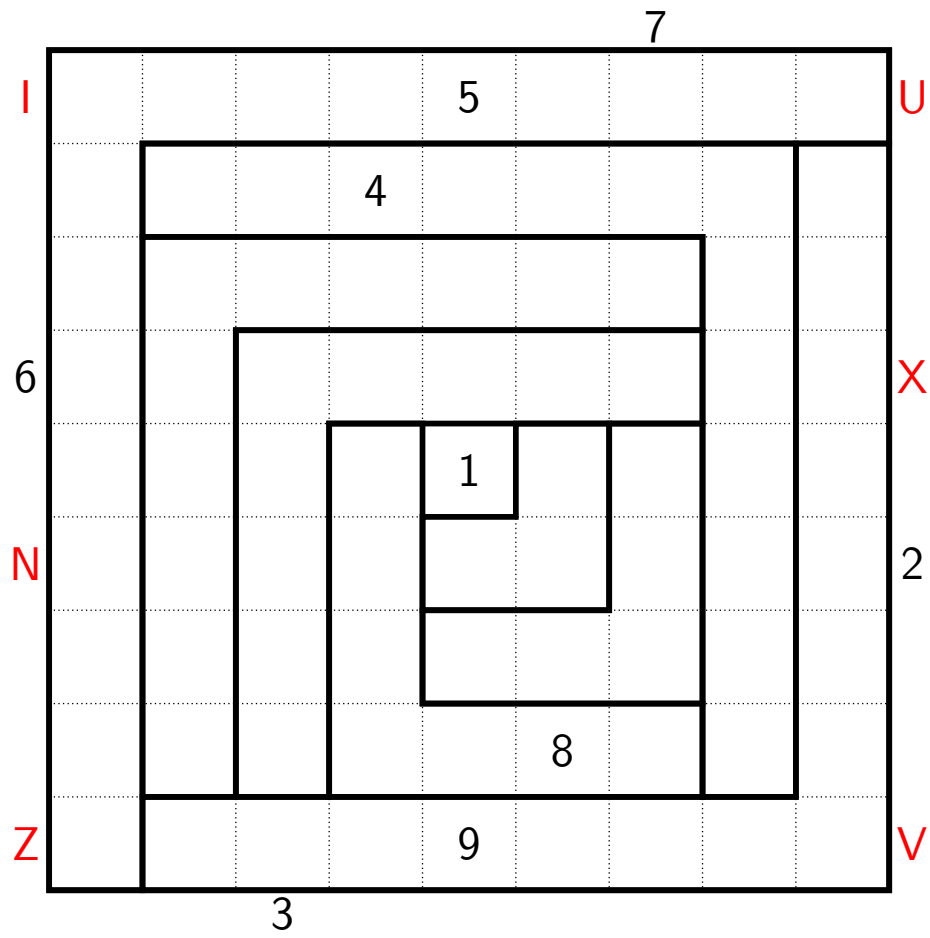
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:8}

hook 4 is too small for digit 8



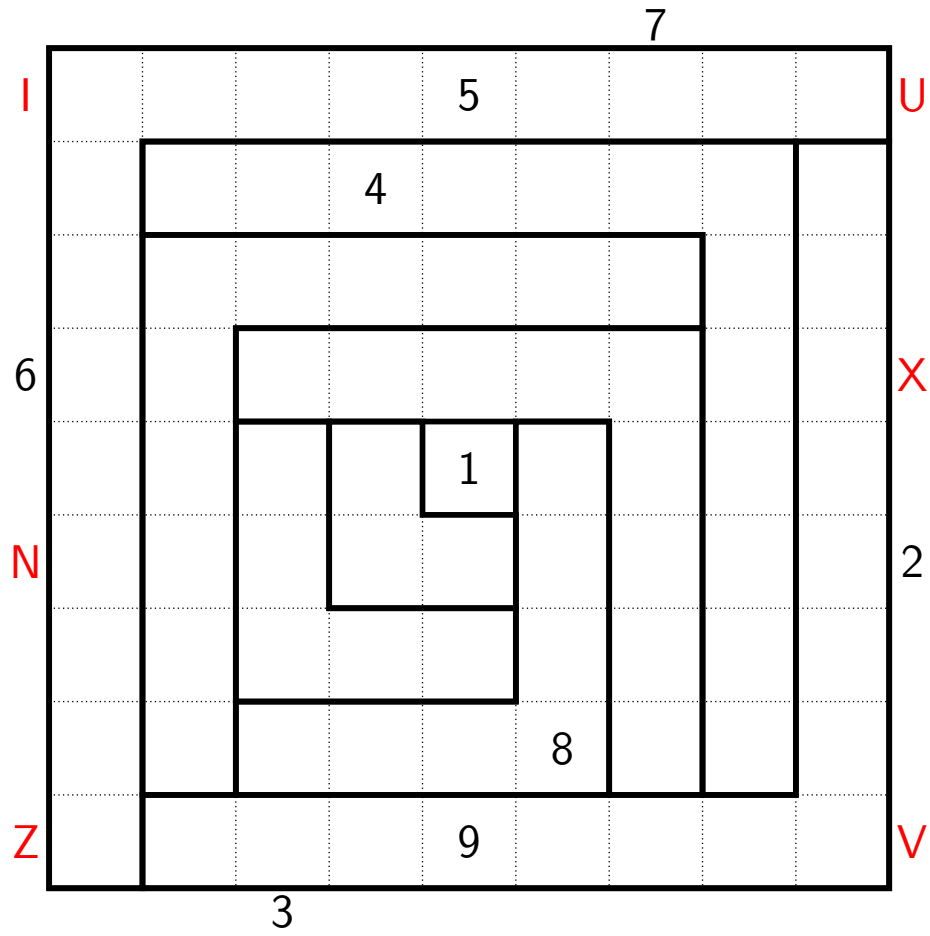
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:8}

hook 4 is too small for digit 8

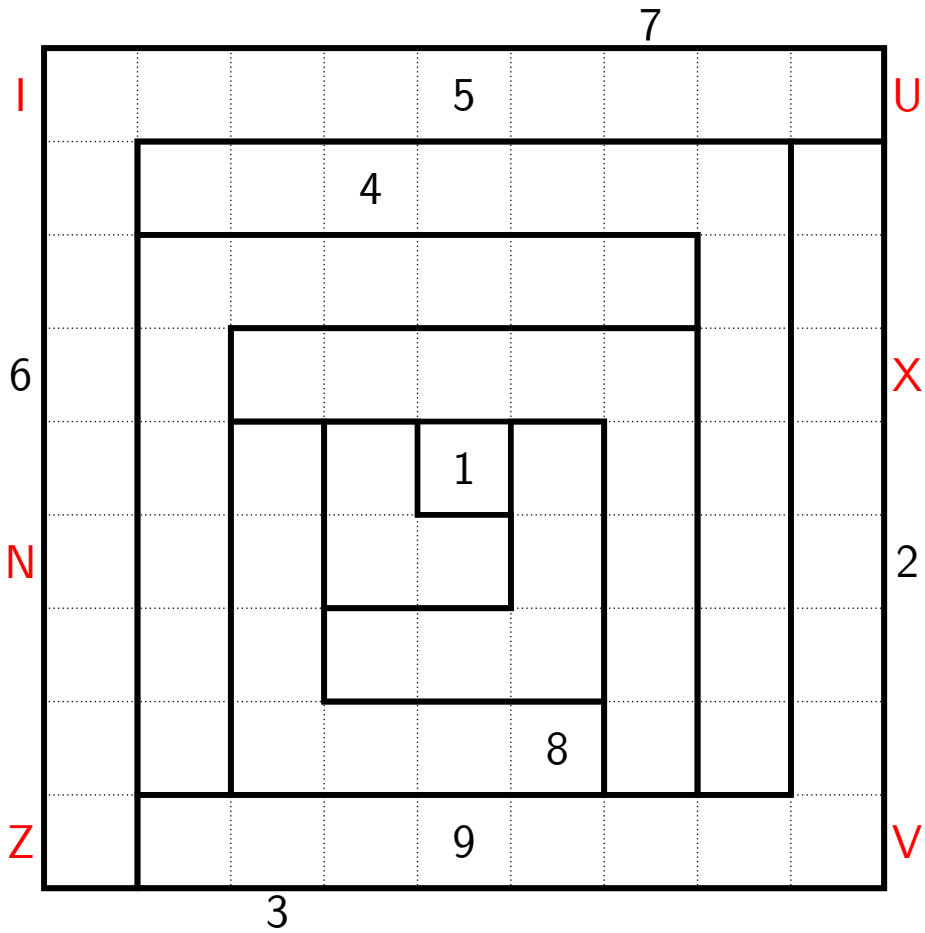


{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:8}

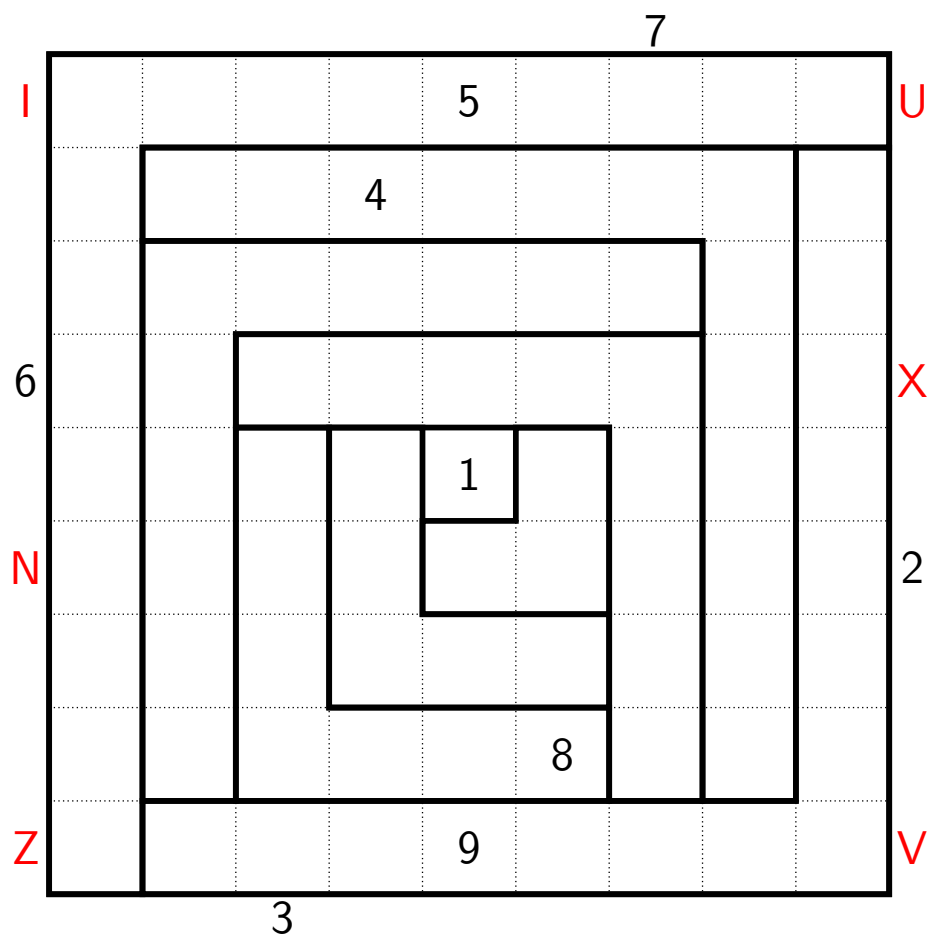
hook 4 is too small for digit 8


$$\{1:1, 2:\square, 3:\square, 4:\square, 5:\square, 6:\square, 7:\square, 8:\square, 9:8\}$$

```
hook 4 is too small for digit 8
```

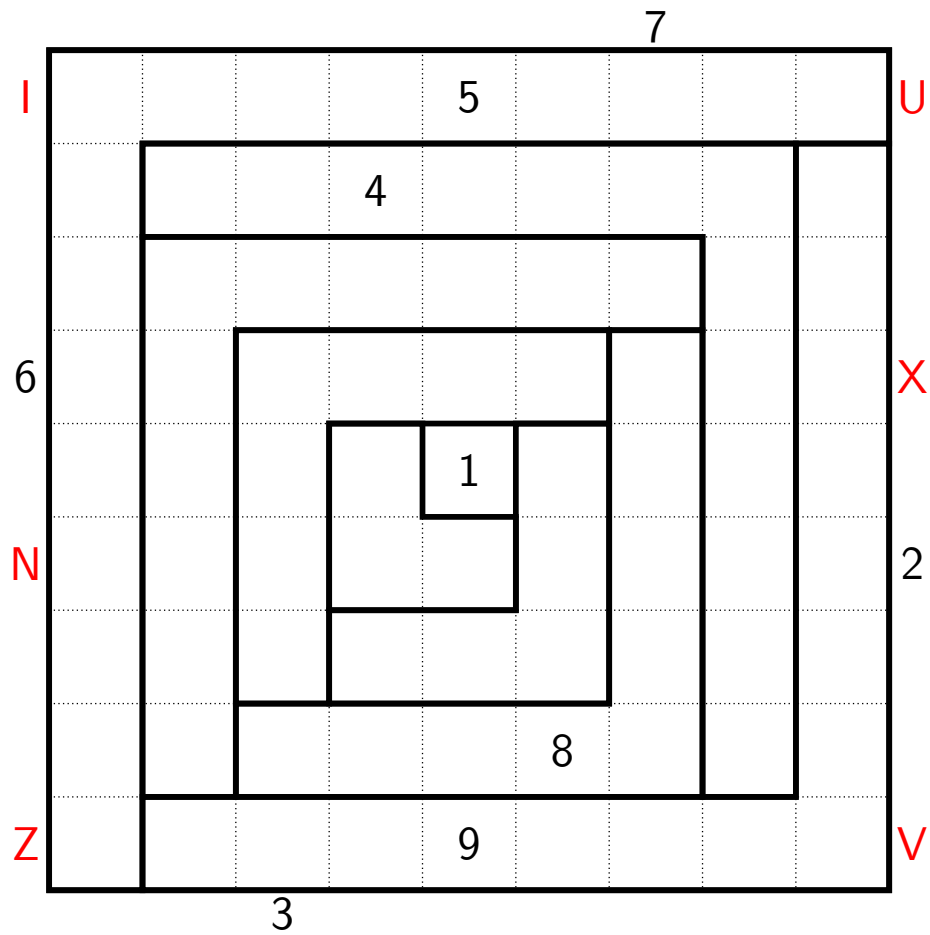

$$\{1:1, 2:\square, 3:\square, 4:\square, 5:\square, 6:\square, 7:\square, 8:\square, 9:8\}$$

```
hook 4 is too small for digit 8
```



{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:8}

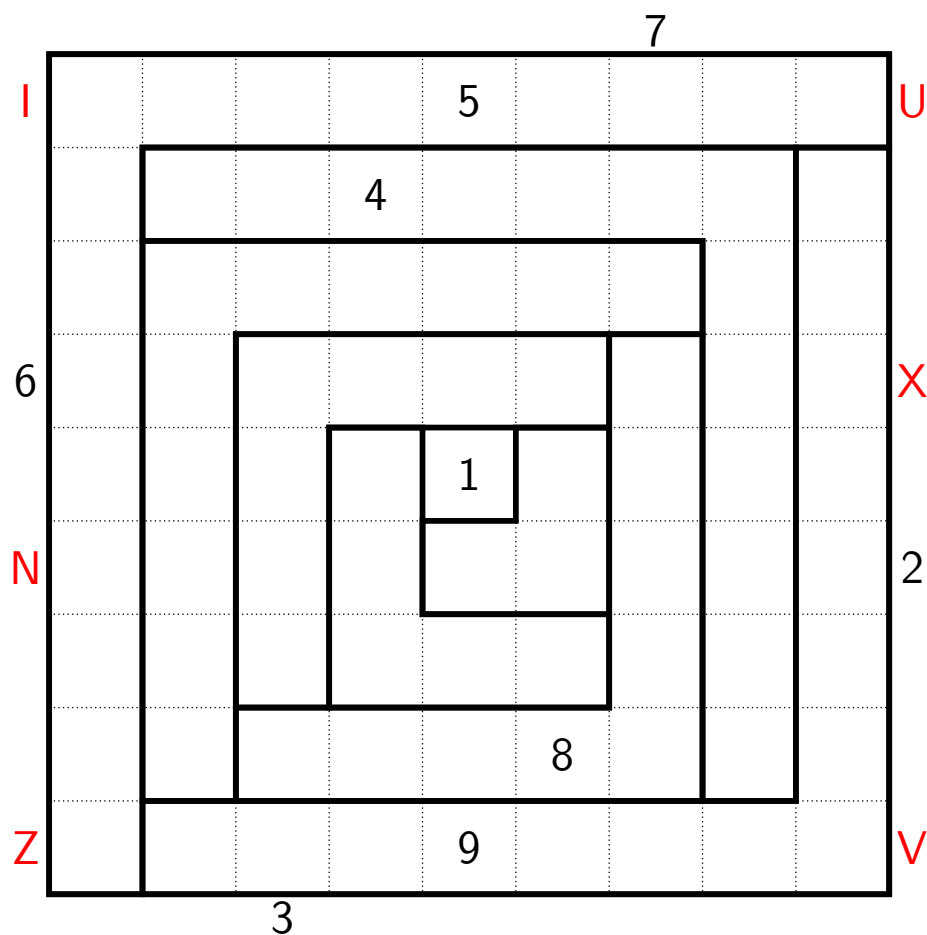
hook 4 is too small for digit 8



{1:1, 2:[2, 3], 3:4, 4:7, 5:9, 6:4, 7:6, 8:5, 9:8}

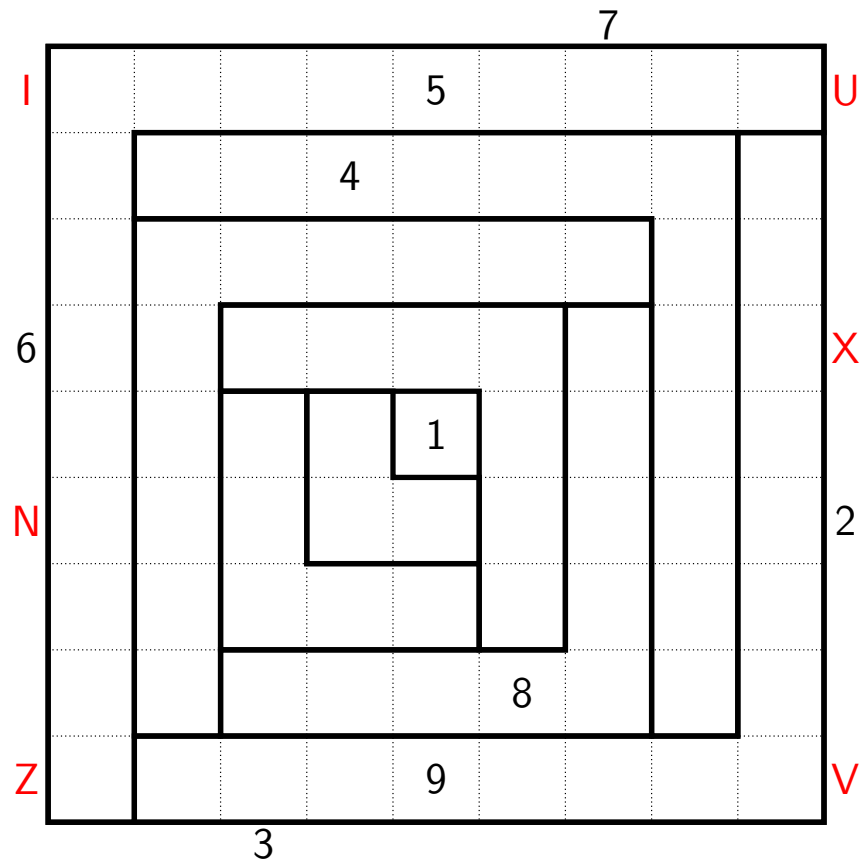
digits 3,6 are fighting over hook 4



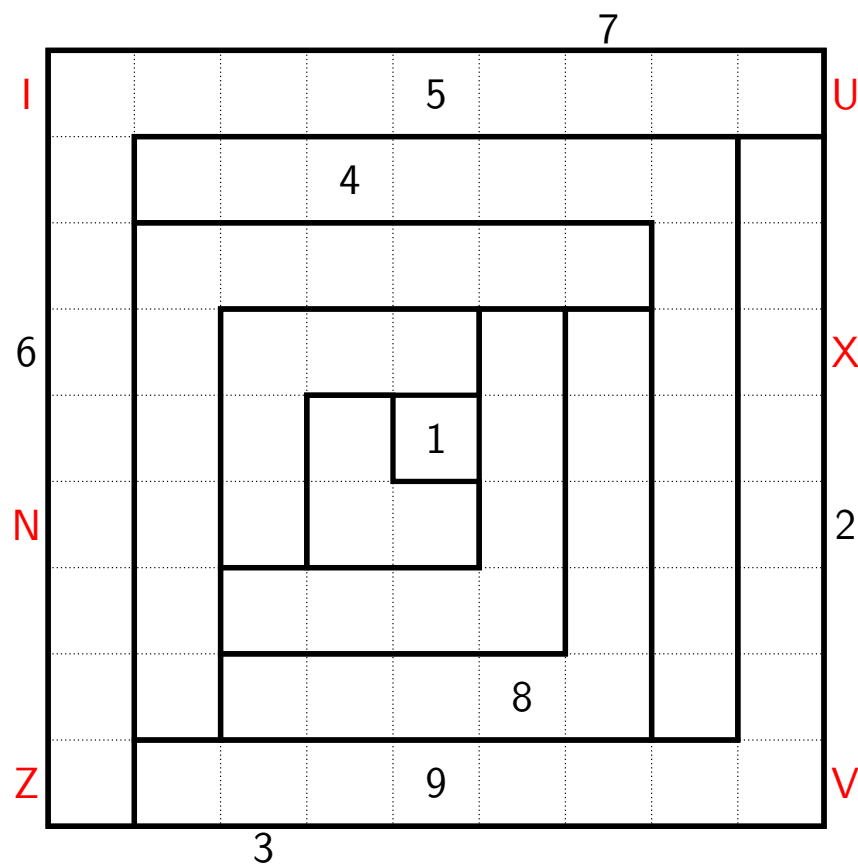


{1:1, 2:[2, 3], 3:4, 4:7, 5:9, 6:4, 7:6, 8:5, 9:8}

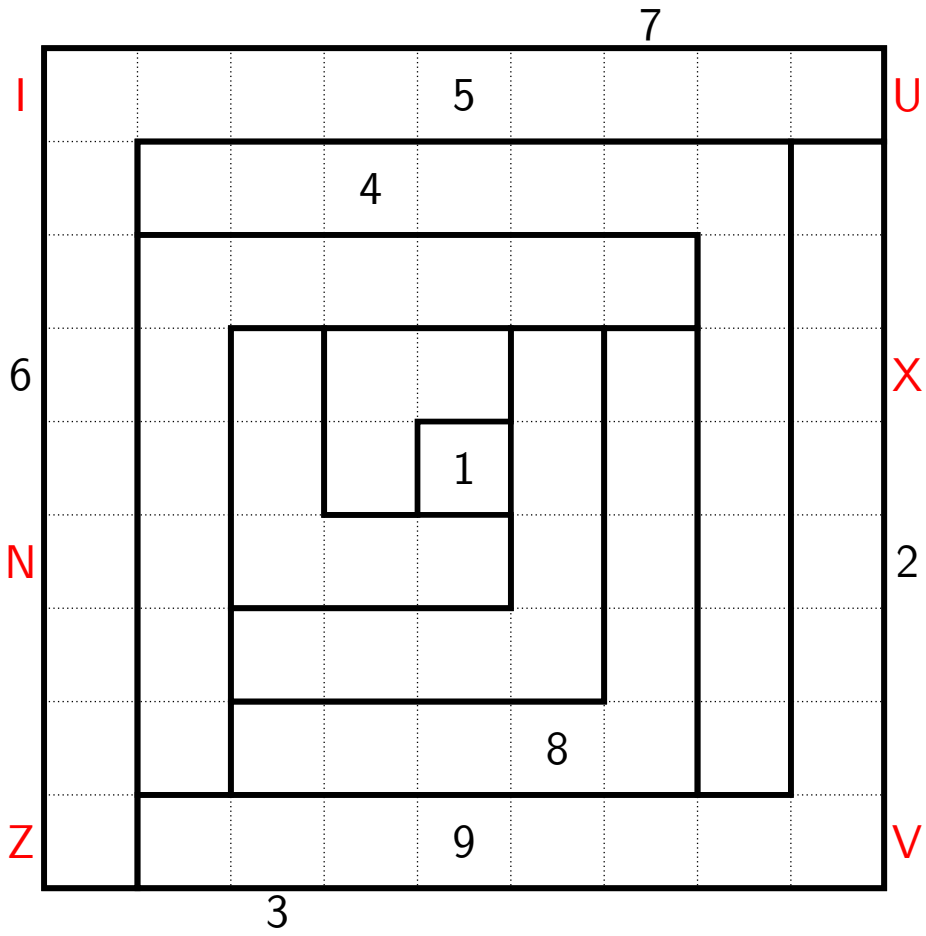
digits 3,6 are fighting over hook 4



—1 : 1, 2 : 2, 3 : 3, 4 : 7, 5 : 9, 6 : 4, 7 : 6, 8 : 5, 9 : 8''

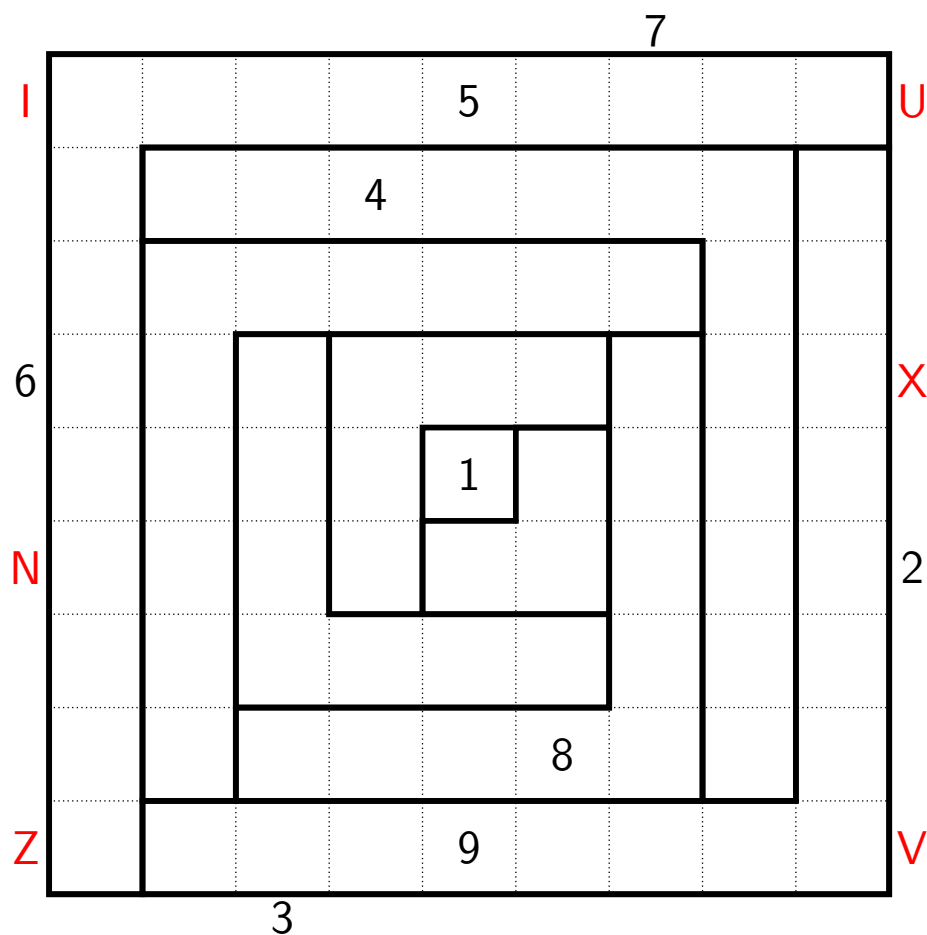


—1 : 1, 2 : 2, 3 : 3, 4 : 7, 5 : 9, 6 : 4, 7 : 6, 8 : 5, 9 : 8''



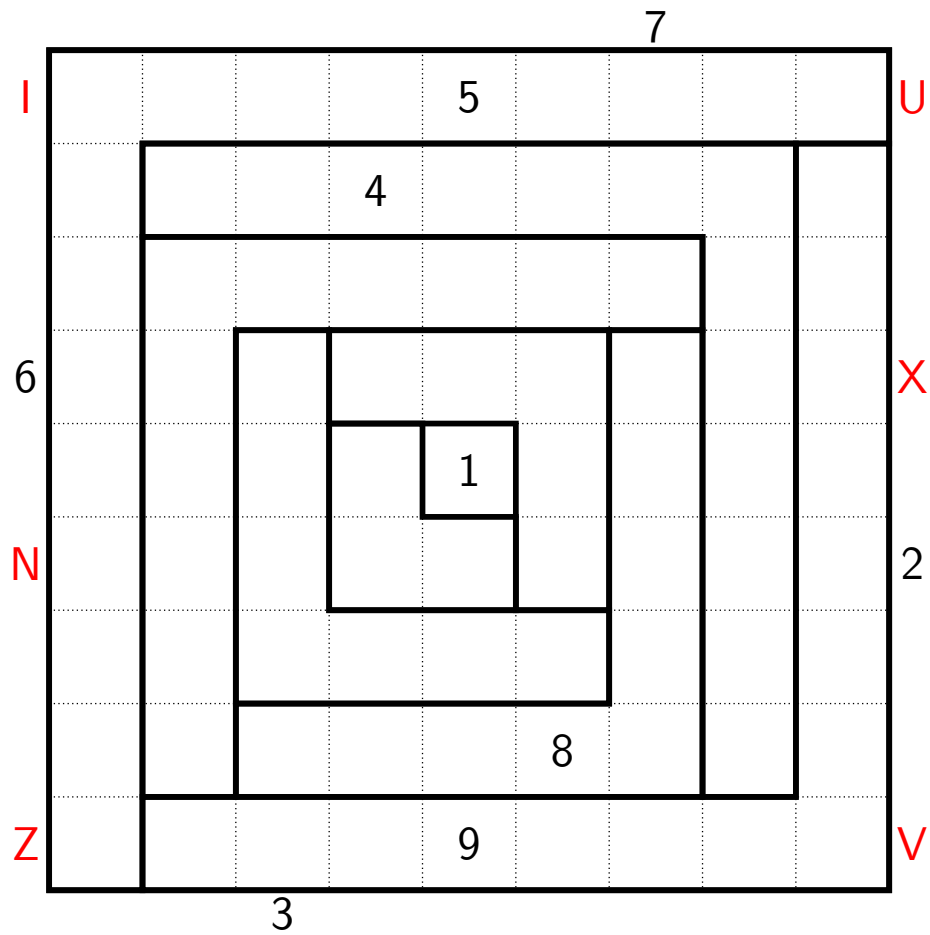
{1:1, 2:3, 3:3, 4:7, 5:9, 6:4, 7:6, 8:5, 9:8}

digits 2,3 are fighting over hook 3



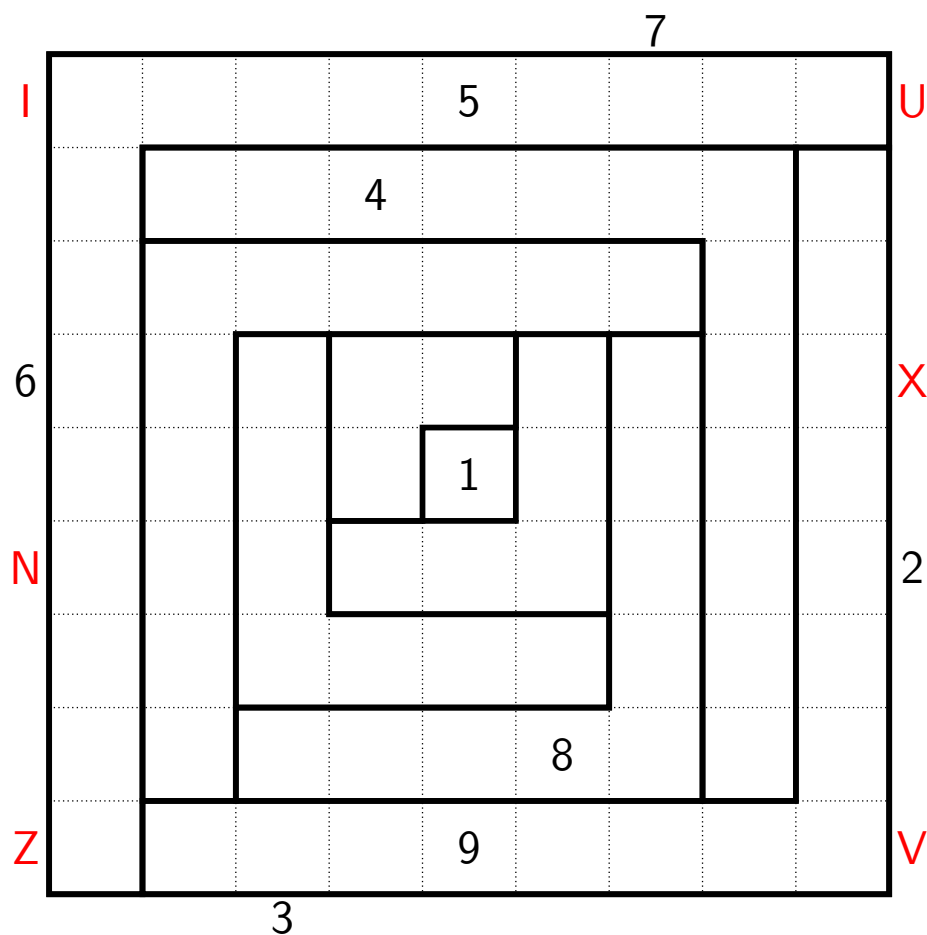
{1:1, 2:[2, 3], 3:4, 4:7, 5:9, 6:4, 7:6, 8:5, 9:8}

digits 3,6 are fighting over hook 4



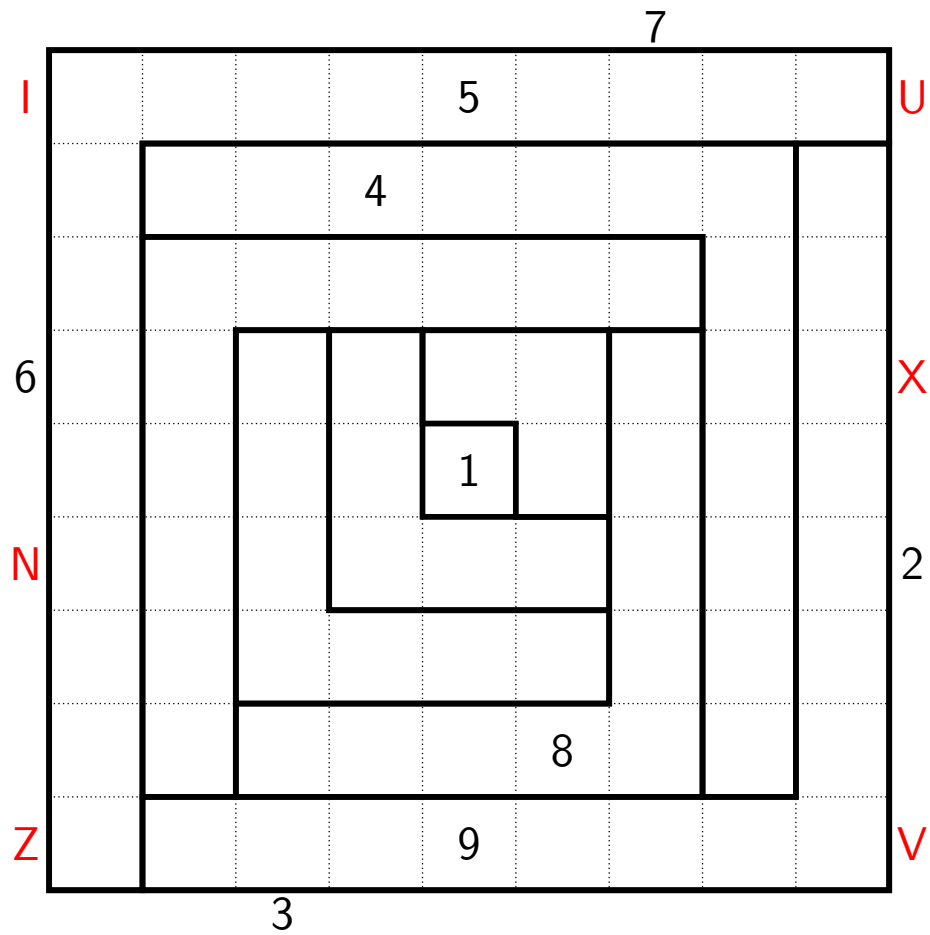
{1:1, 2:[2, 3], 3:4, 4:7, 5:9, 6:4, 7:6, 8:5, 9:8}

digits 3,6 are fighting over hook 4



{1:1, 2:3, 3:4, 4:7, 5:9, 6:4, 7:6, 8:5, 9:8}

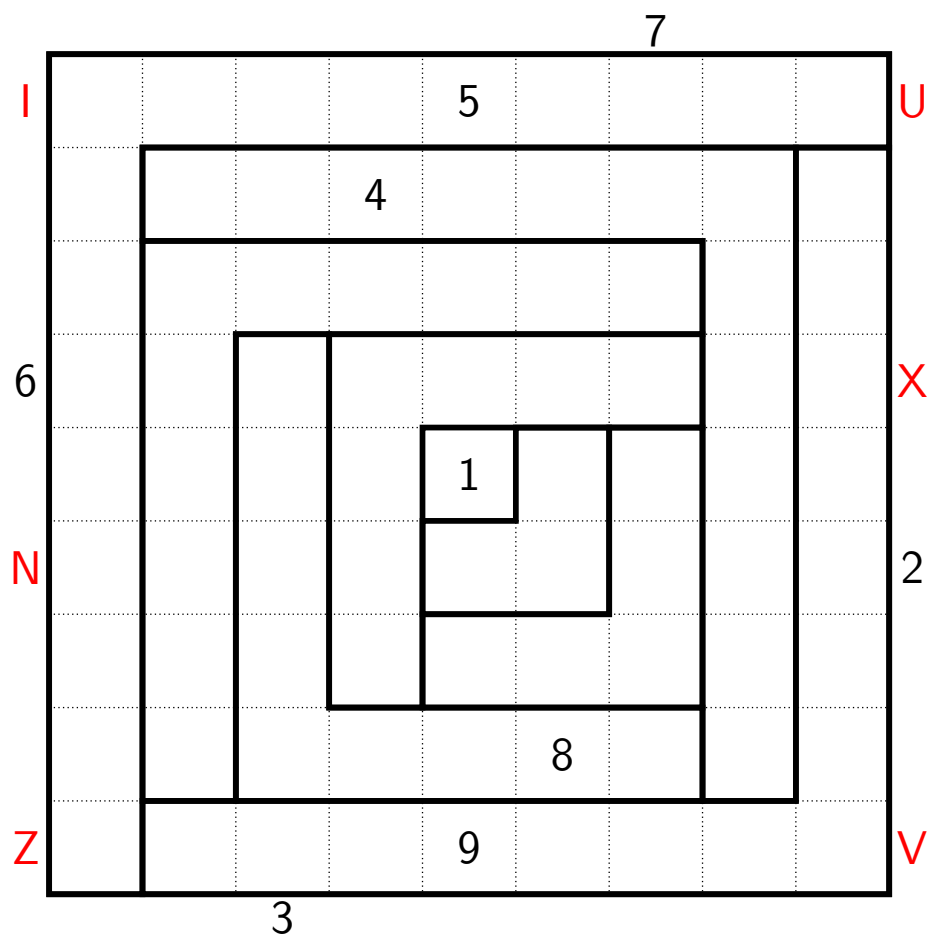
digits 3,6 are fighting over hook 4



{1:1, 2:3, 3:4, 4:7, 5:9, 6:4, 7:6, 8:5, 9:8}

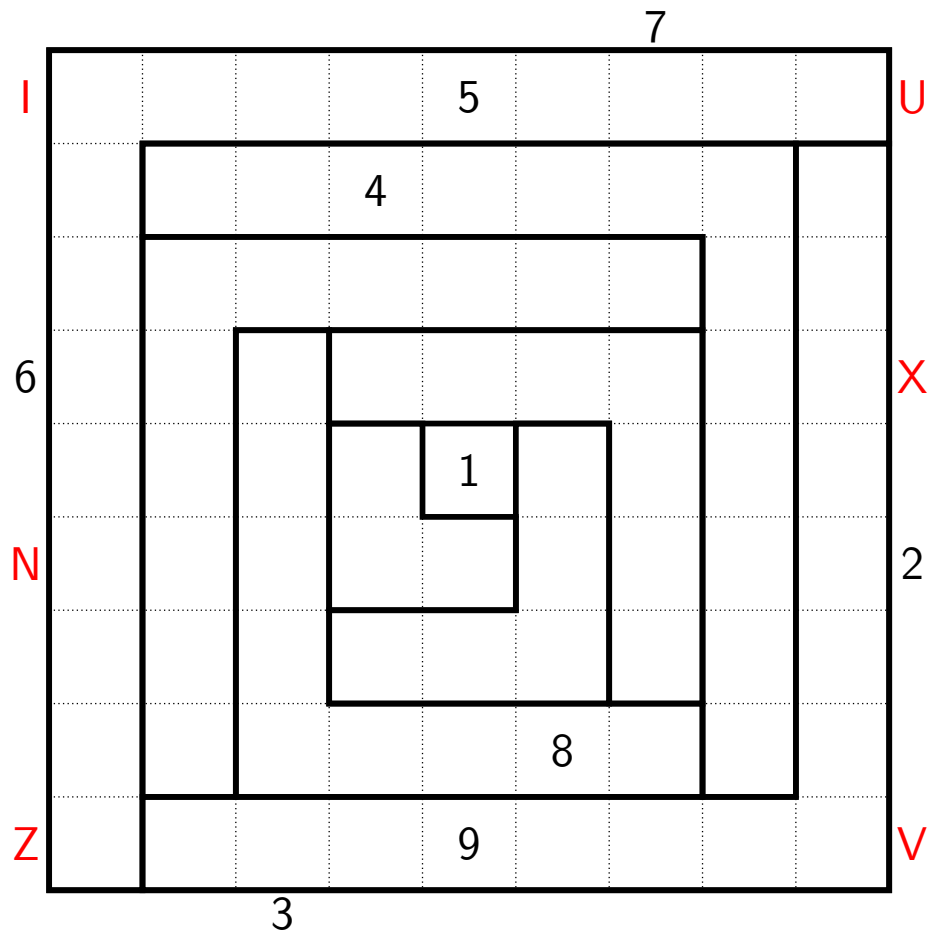
digits 3,6 are fighting over hook 4





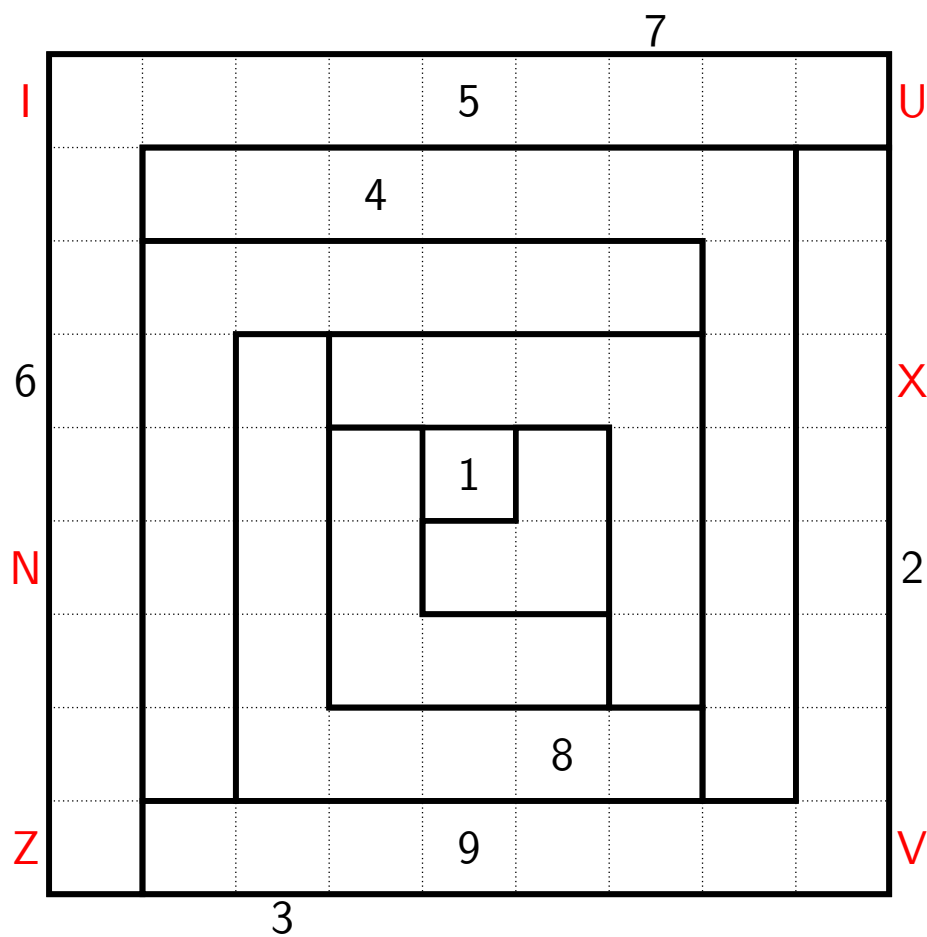
{1:1, 2:[2, 3], 3:6, 4:7, 5:9, 6:4, 7:[], 8:5, 9:8}

digit(s) 7 cannot be assigned to any hook



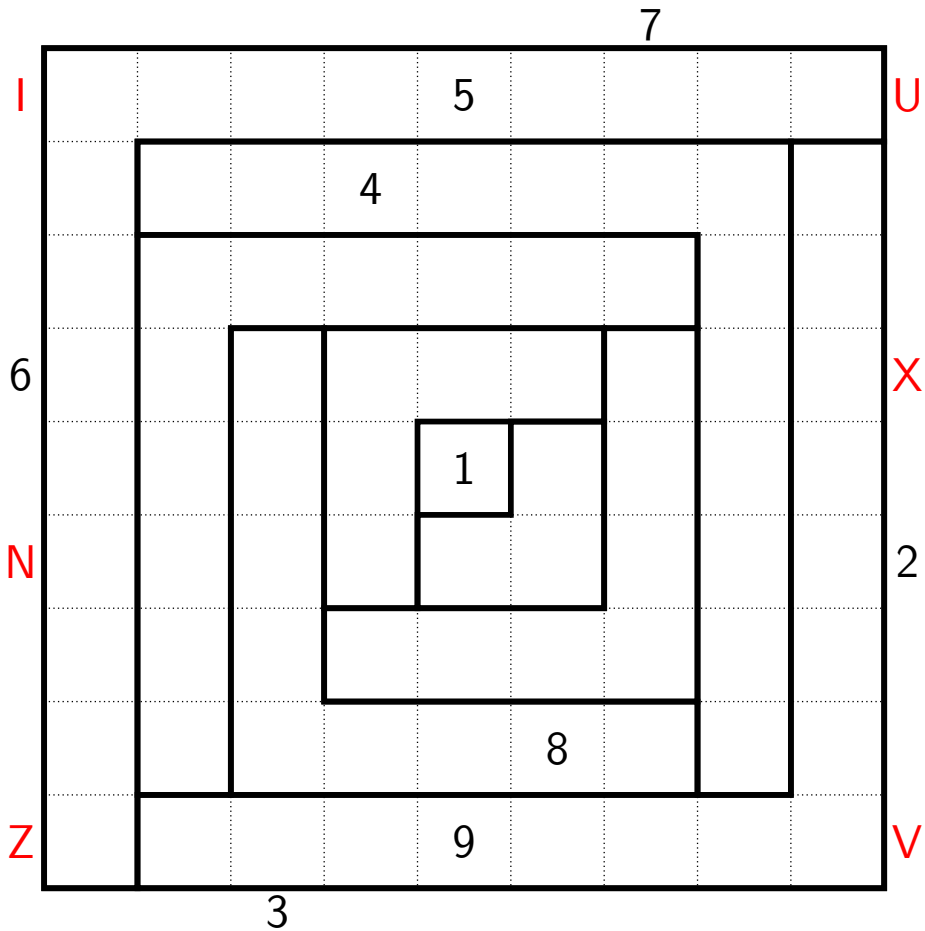
{1:1, 2:[2, 3], 3:6, 4:7, 5:9, 6:4, 7:[], 8:5, 9:8}

digit(s) 7 cannot be assigned to any hook



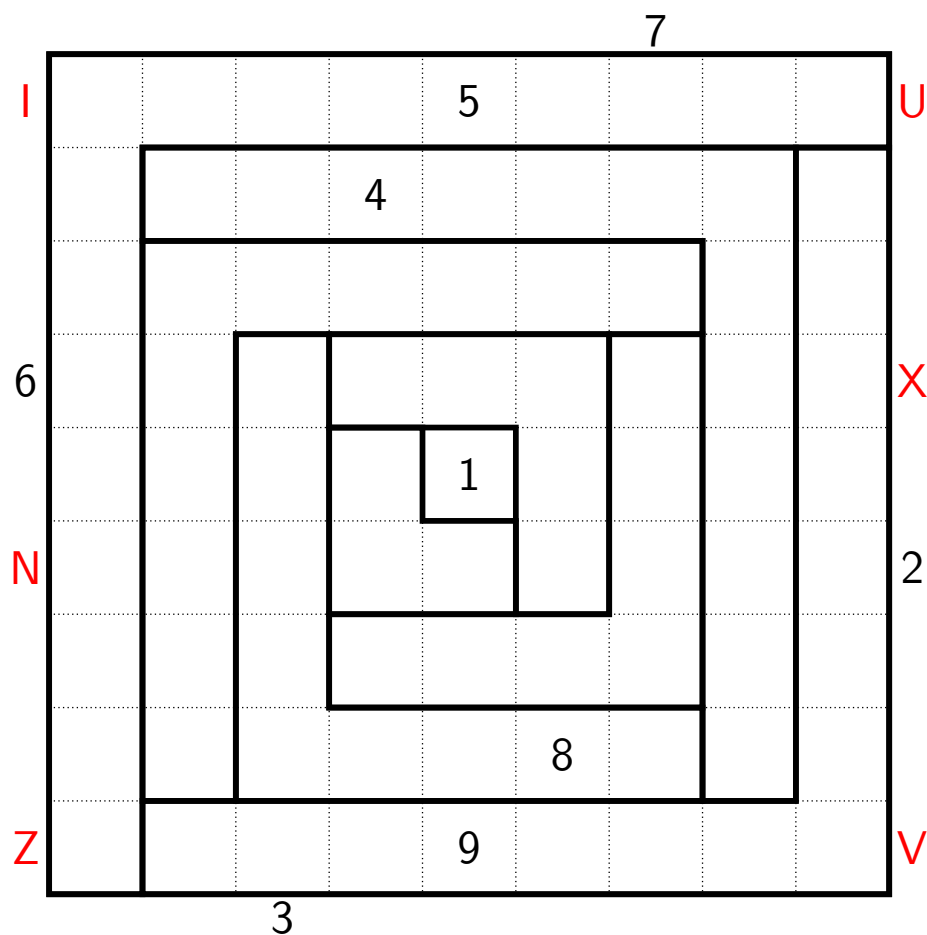
{1:1, 2:[2, 3], 3:6, 4:7, 5:9, 6:4, 7:[], 8:5, 9:8}

digit(s) 7 cannot be assigned to any hook



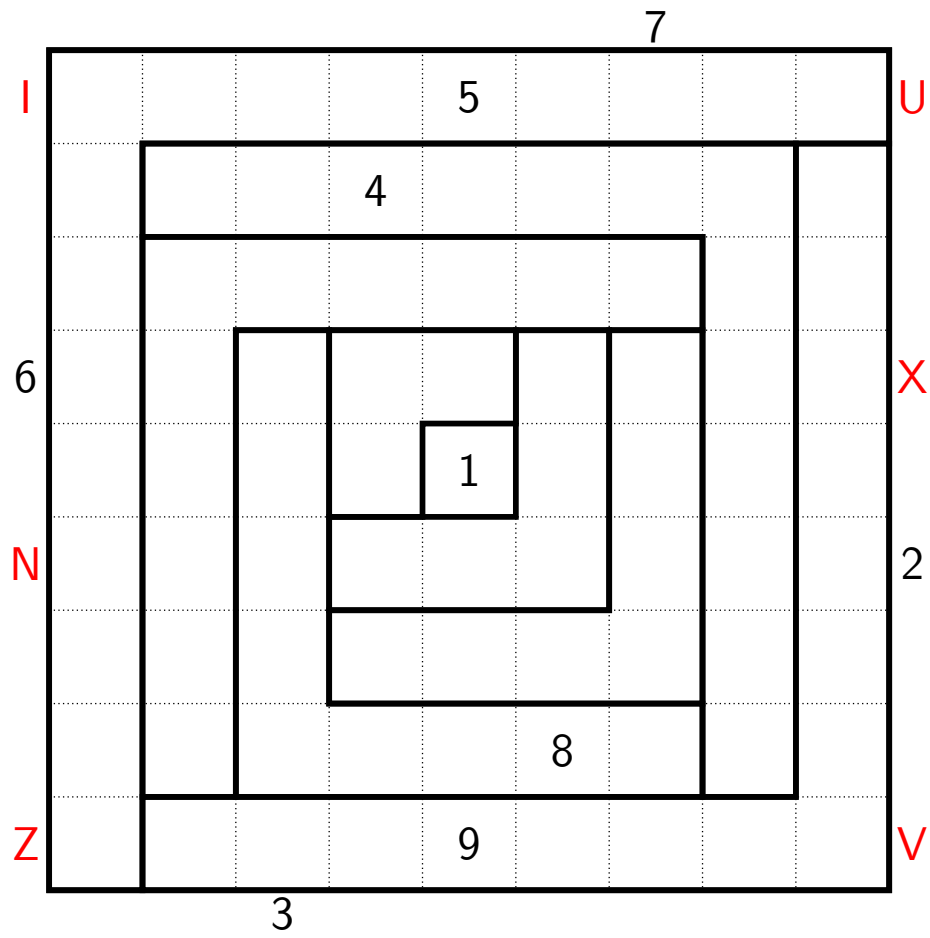
```
{1:1, 2:[2, 3], 3:6, 4:7, 5:9, 6:4, 7:[], 8:5, 9:8}
```

digit(s) 7 cannot be assigned to any hook



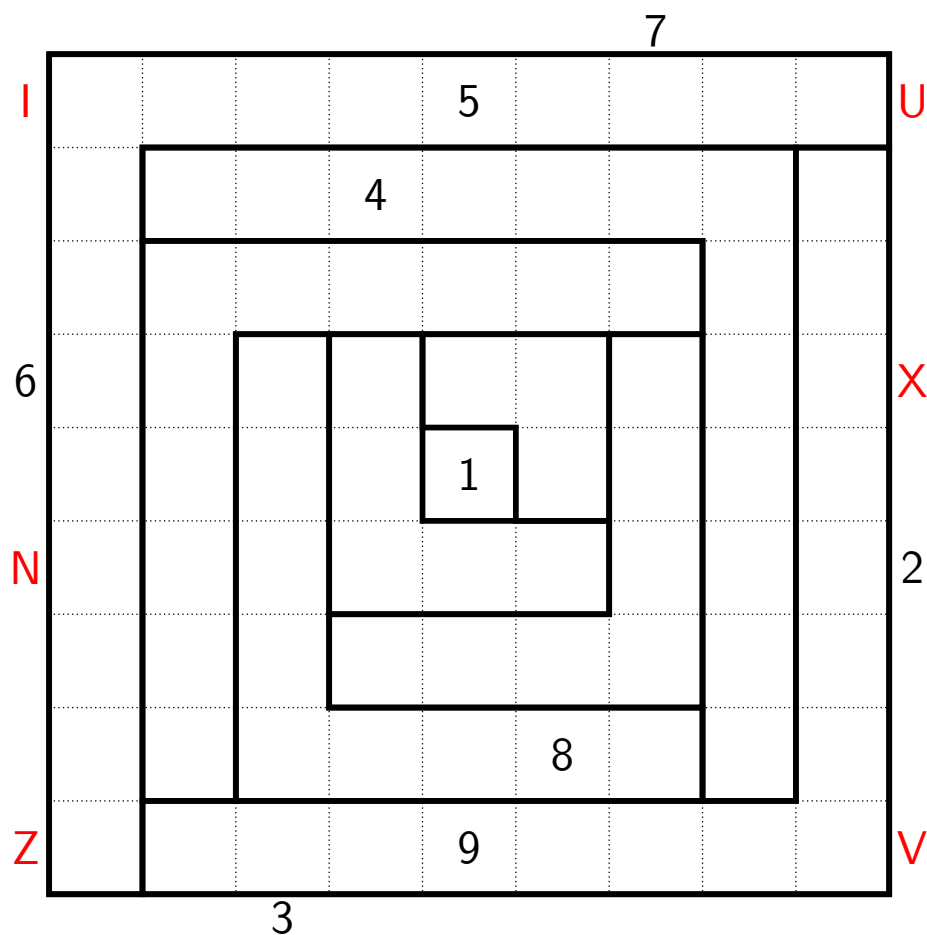
{1:1, 2:[2, 3], 3:6, 4:7, 5:9, 6:4, 7:[], 8:5, 9:8}

digit(s) 7 cannot be assigned to any hook



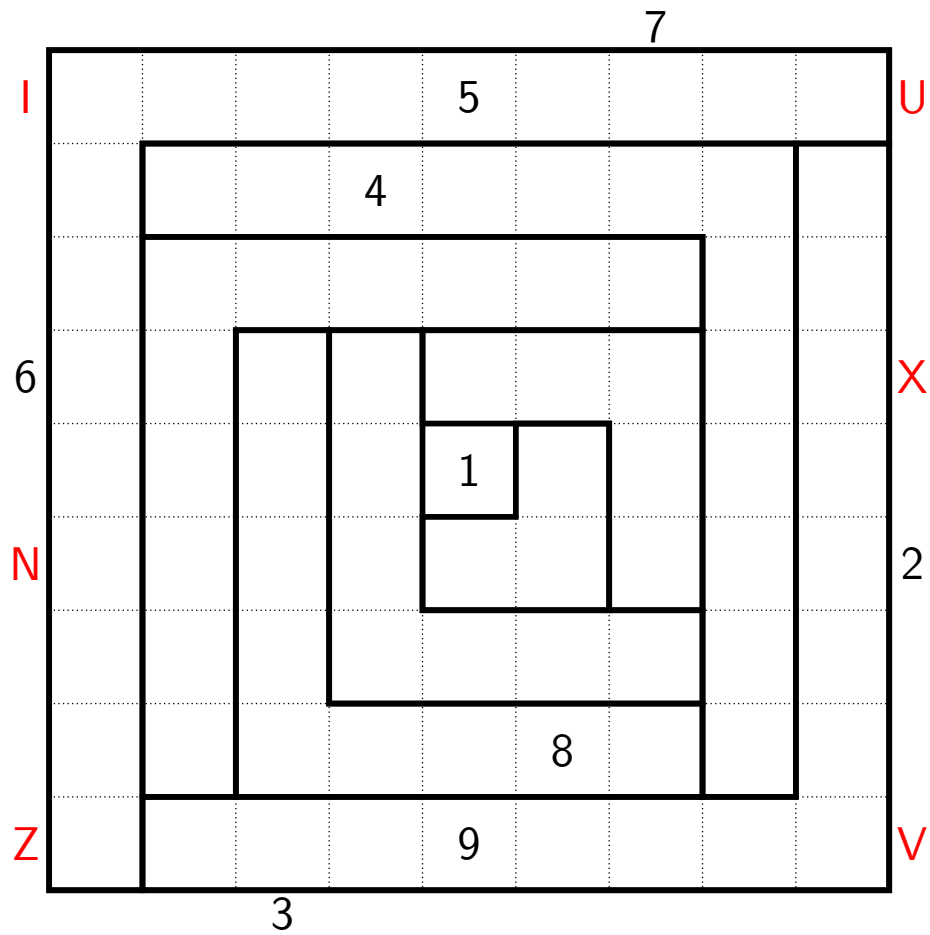
{1:1, 2:3, 3:6, 4:7, 5:9, 6:4, 7:[], 8:5, 9:8}

digit(s) 7 cannot be assigned to any hook



{1:1, 2:3, 3:6, 4:7, 5:9, 6:4, 7:[], 8:5, 9:8}

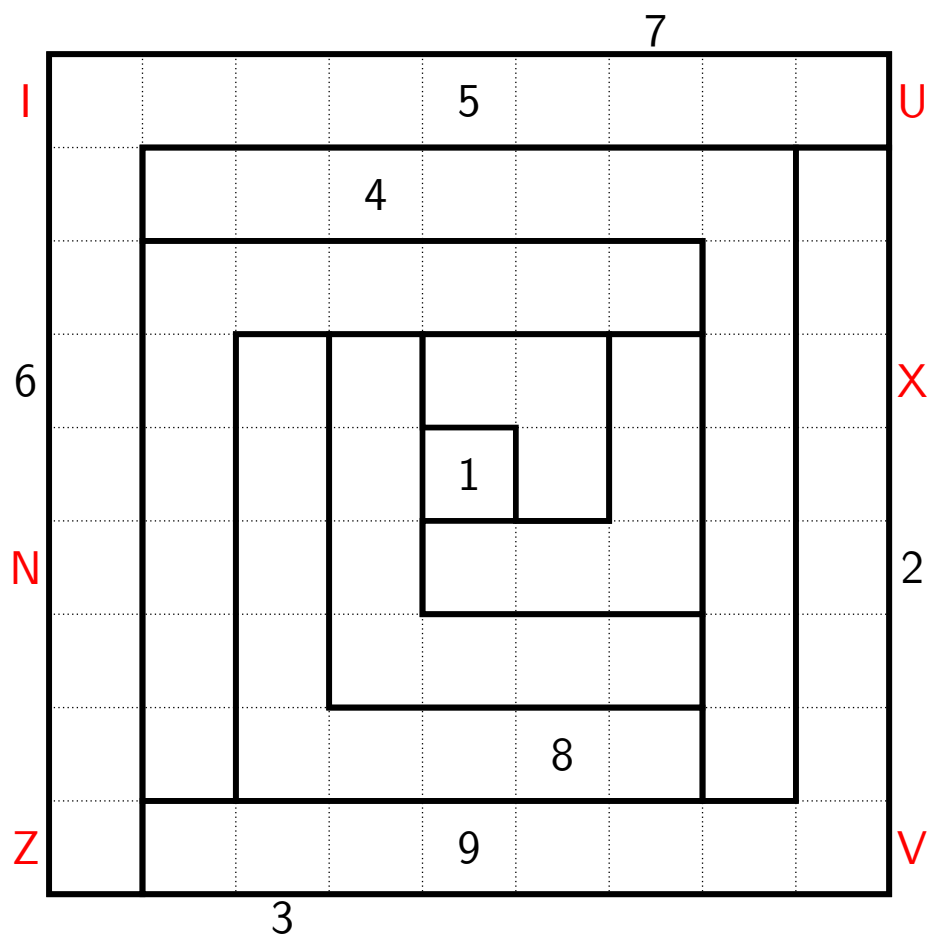
digit(s) 7 cannot be assigned to any hook



```
{1:1, 2:[2, 3], 3:6, 4:7, 5:9, 6:4, 7:[], 8:5, 9:8}
```

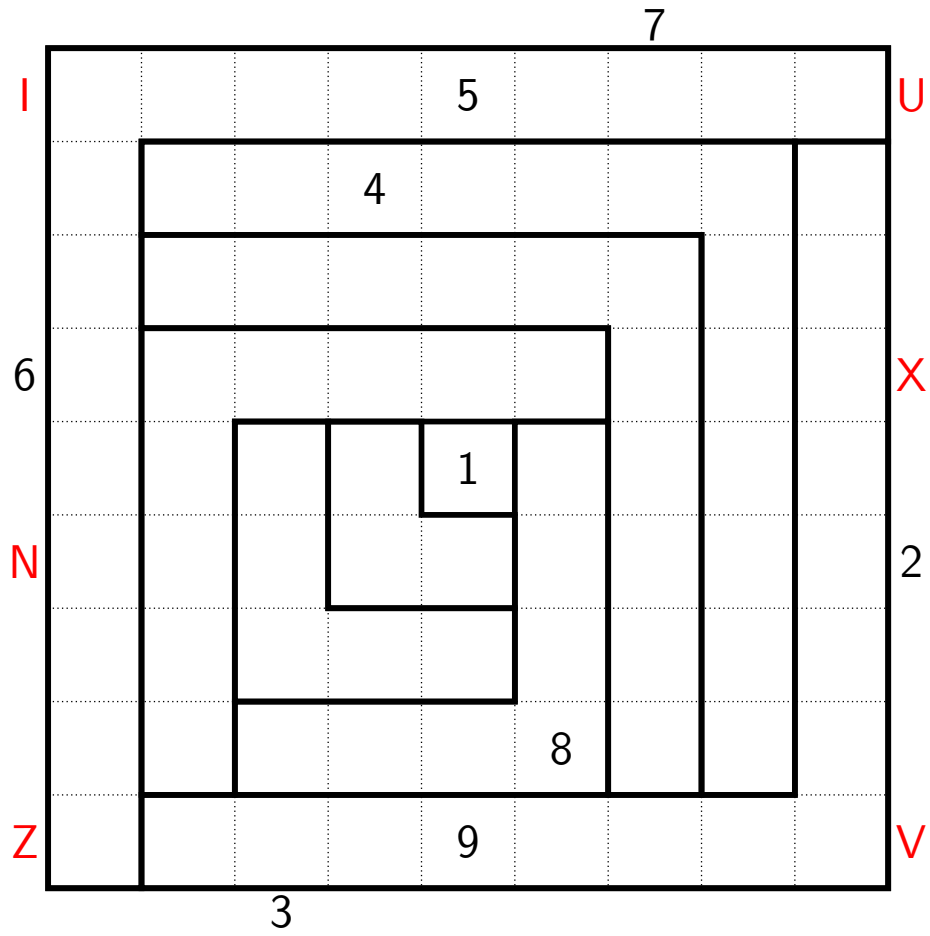
```
digit(s) 7 cannot be assigned to any hook
```





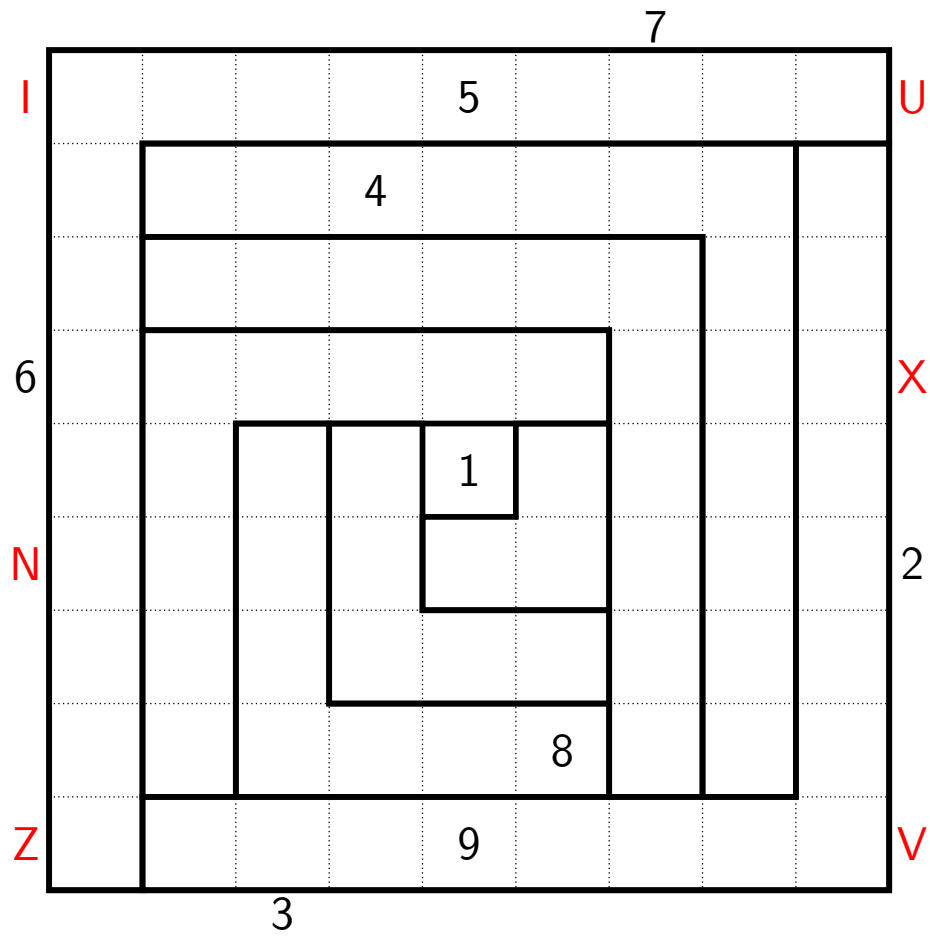
{1:1, 2:3, 3:6, 4:7, 5:9, 6:4, 7:[], 8:5, 9:8}

digit(s) 7 cannot be assigned to any hook


$$\{1:1, 2:\square, 3:\square, 4:\square, 5:\square, 6:\square, 7:\square, 8:\square, 9:8\}$$

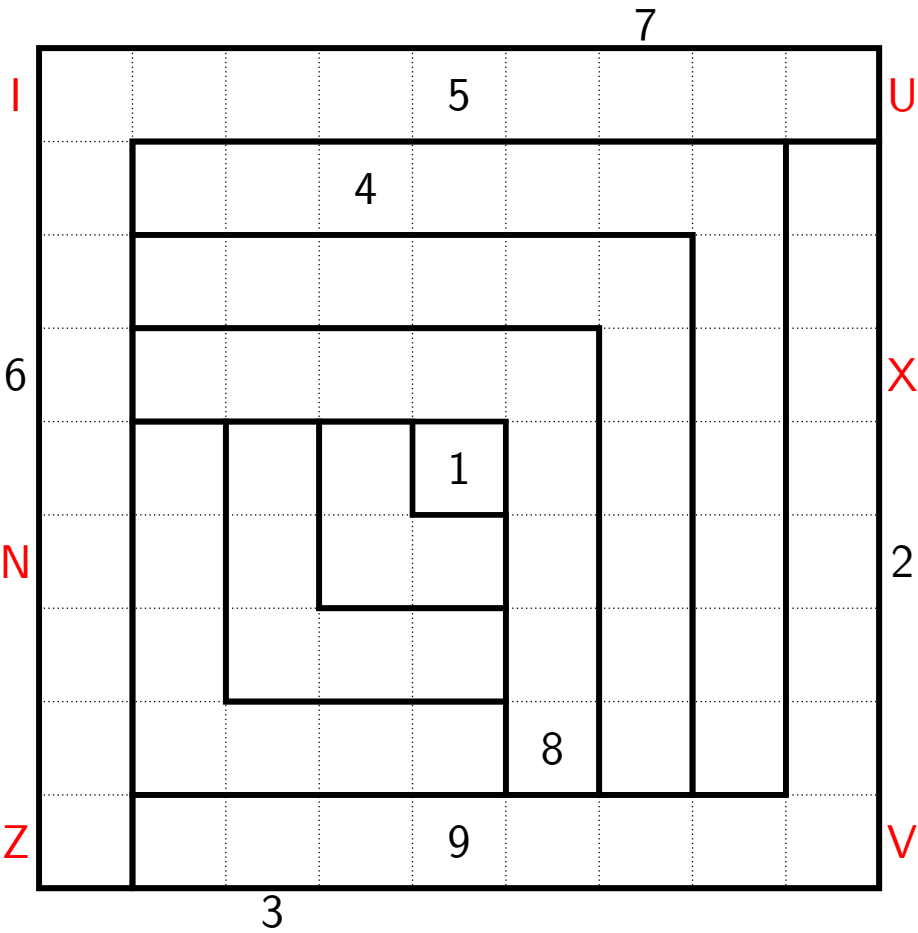
```
hook 4 is too small for digit 8
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hook 4 is too small for digit 8
```



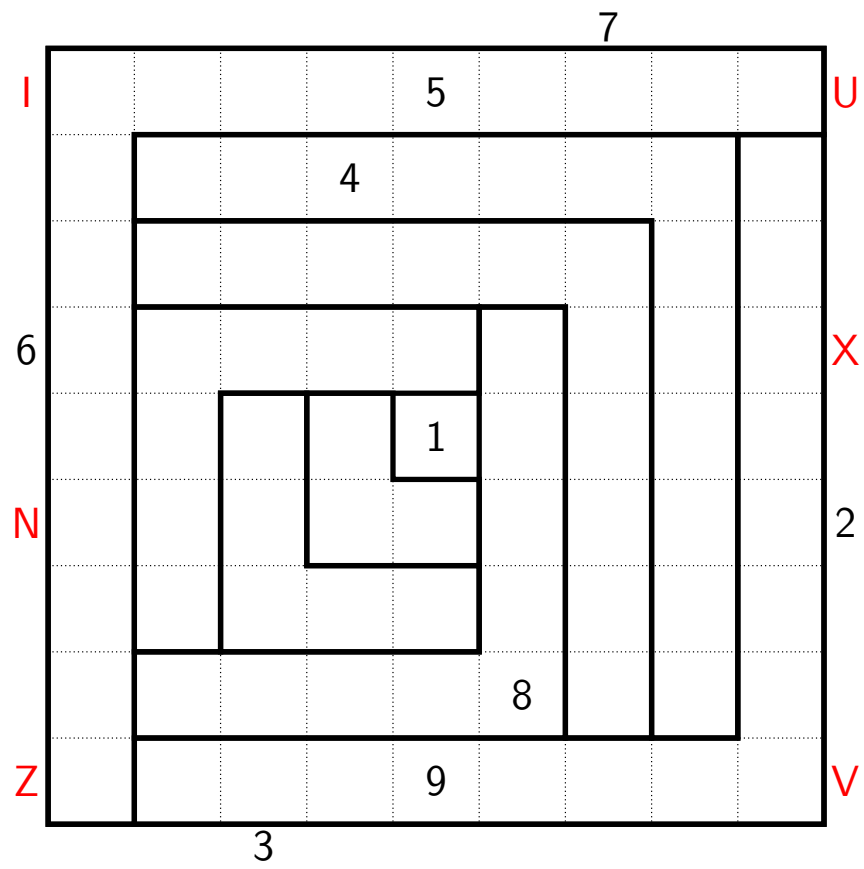
{1:1, 2:□, 3:□, 4:□, 5:□, 6:□, 7:□, 8:□, 9:8}

hook 4 is too small for digit 8

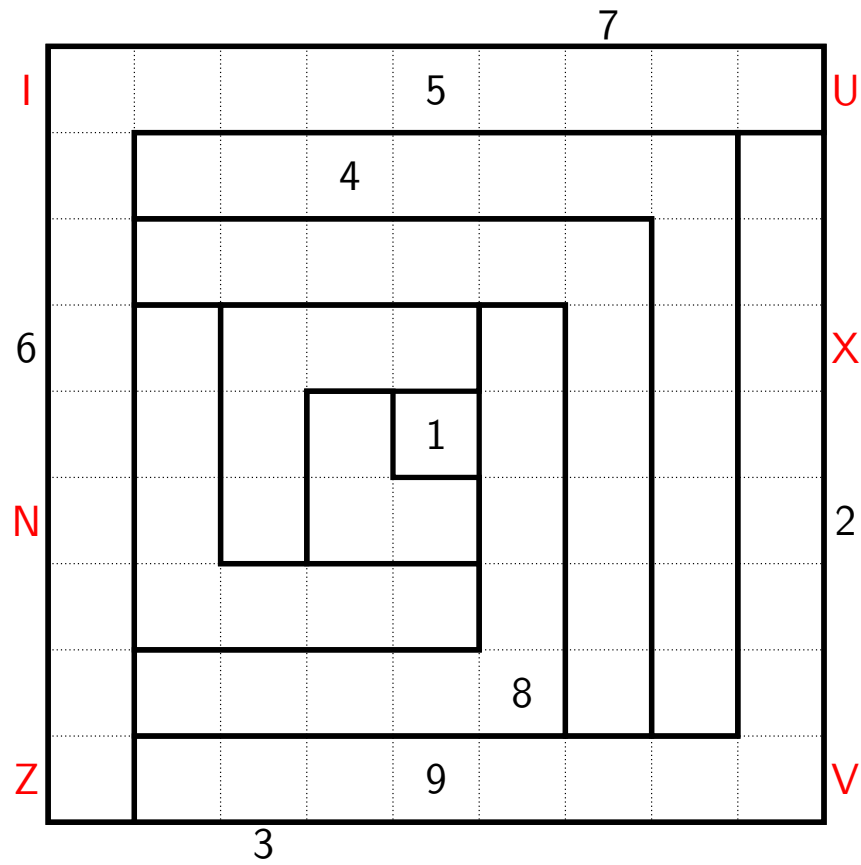


{1:1, 2:[2, 3, 4], 3:[3, 4], 4:7, 5:9, 6:6, 7:[], 8:5, 9:8}

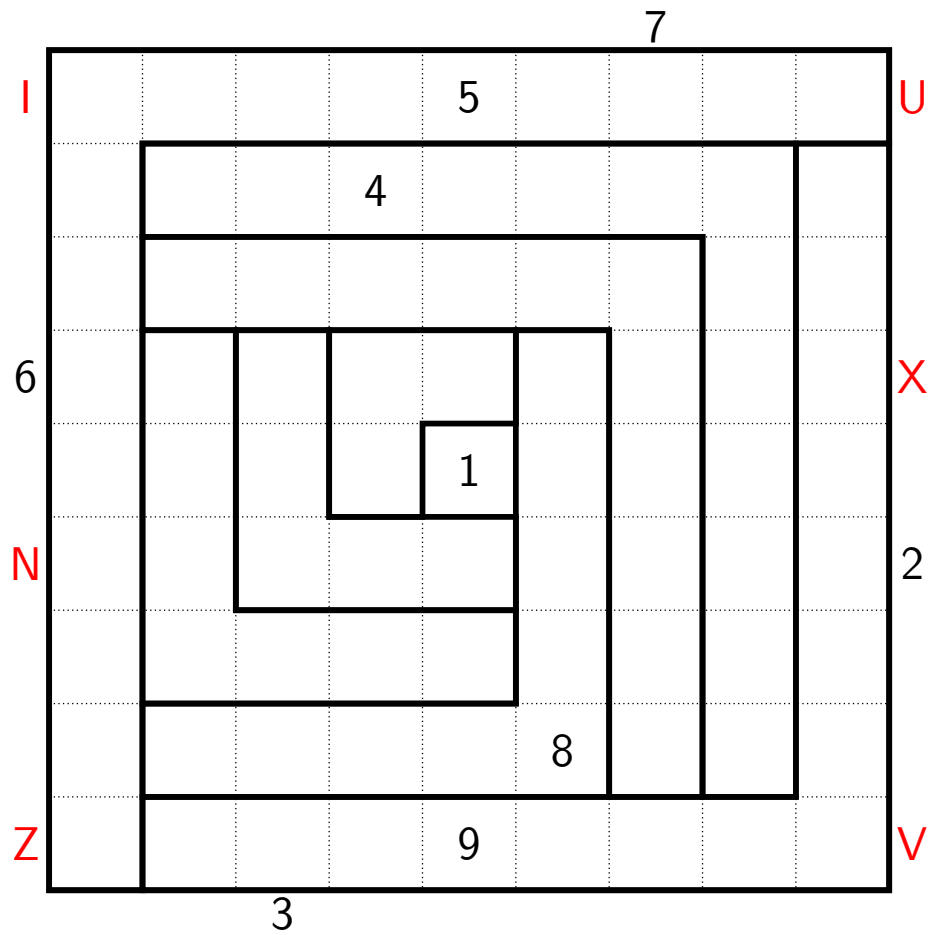
digit(s) 7 cannot be assigned to any hook



—1 : 1, 2 : 2, 3 : 3, 4 : 7, 5 : 9, 6 : 4, 7 : 6, 8 : 5, 9 : 8''



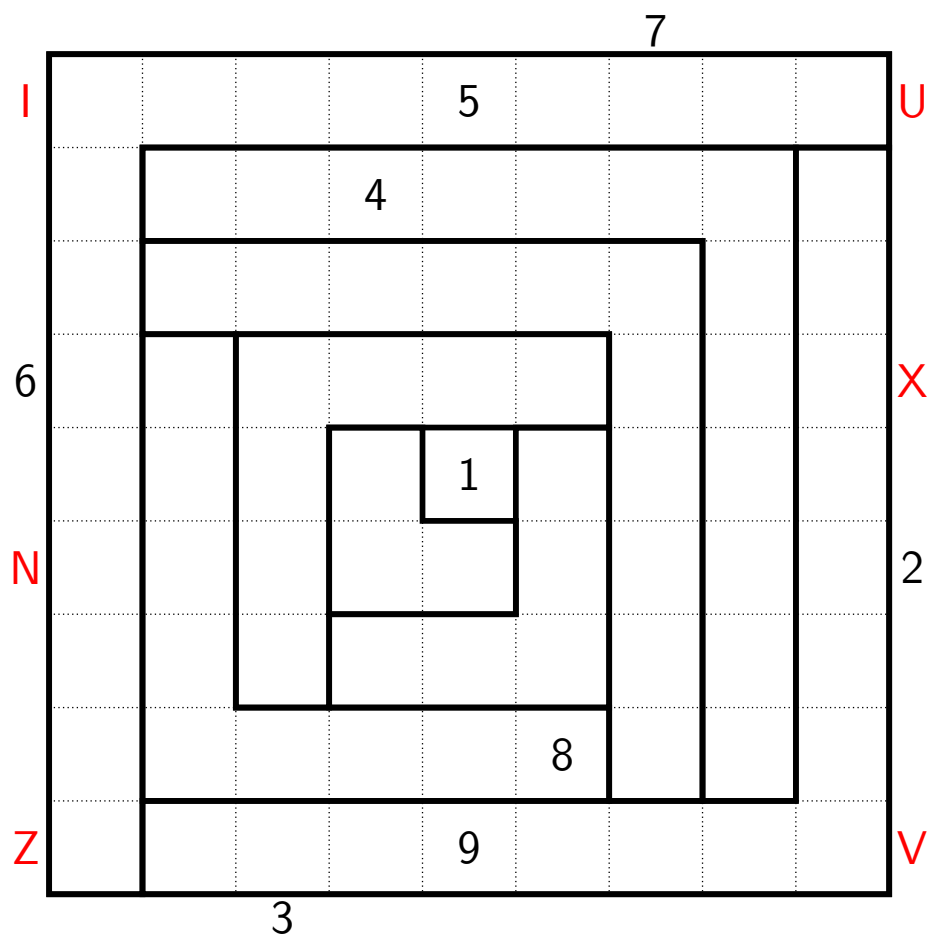
$-1 : 1, 2 : 2, 3 : 3, 4 : 7, 5 : 9, 6 : 4, 7 : 6, 8 : 5, 9 : 8''$



{1:1, 2:3, 3:3, 4:7, 5:9, 6:4, 7:6, 8:5, 9:8}

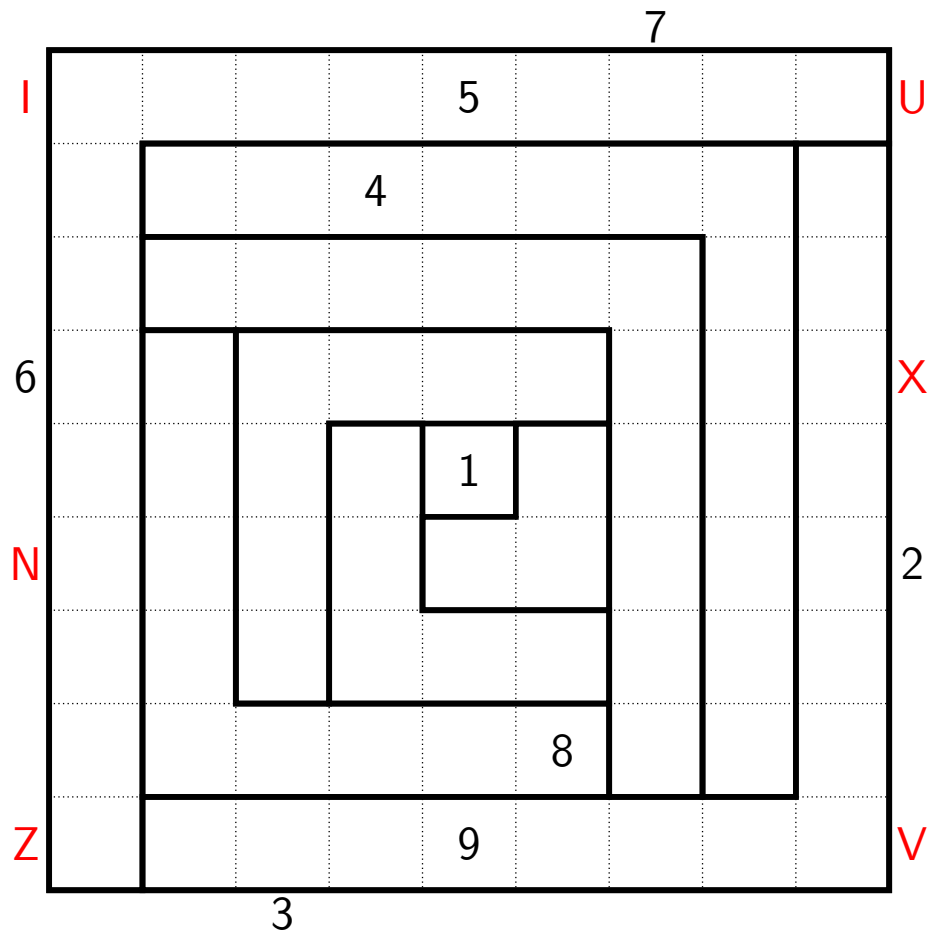
digits 2,3 are fighting over hook 3





{1:1, 2:[2, 3], 3:4, 4:7, 5:9, 6:4, 7:6, 8:5, 9:8}

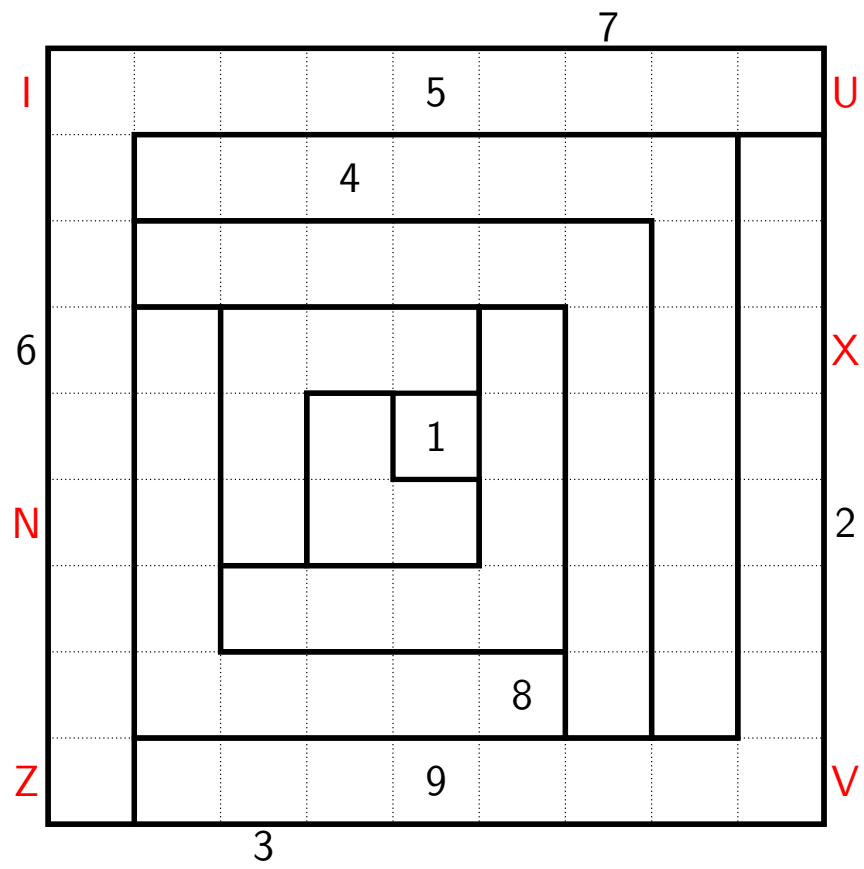
digits 3,6 are fighting over hook 4



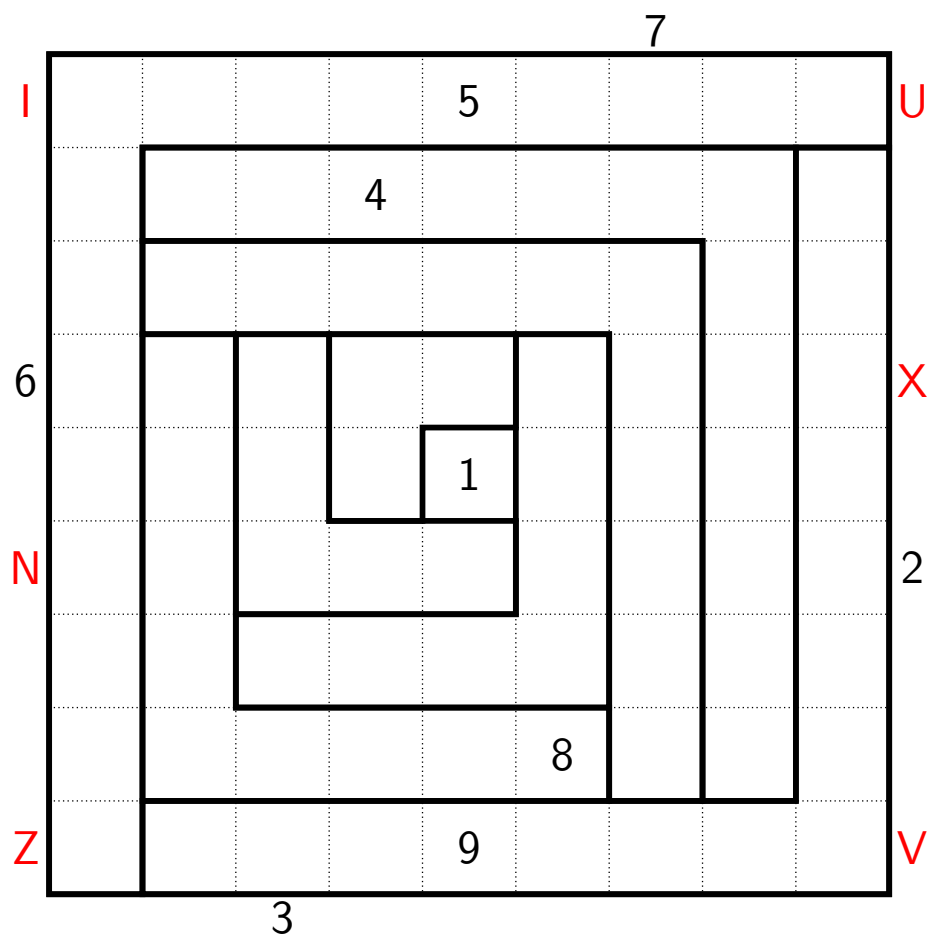
{1:1, 2:[2, 3], 3:4, 4:7, 5:9, 6:4, 7:6, 8:5, 9:8}

digits 3,6 are fighting over hook 4

$-1 : 1, 2 : 2, 3 : 3, 4 : 7, 5 : 9, 6 : 4, 7 : 6, 8 : 5, 9 : 8''$

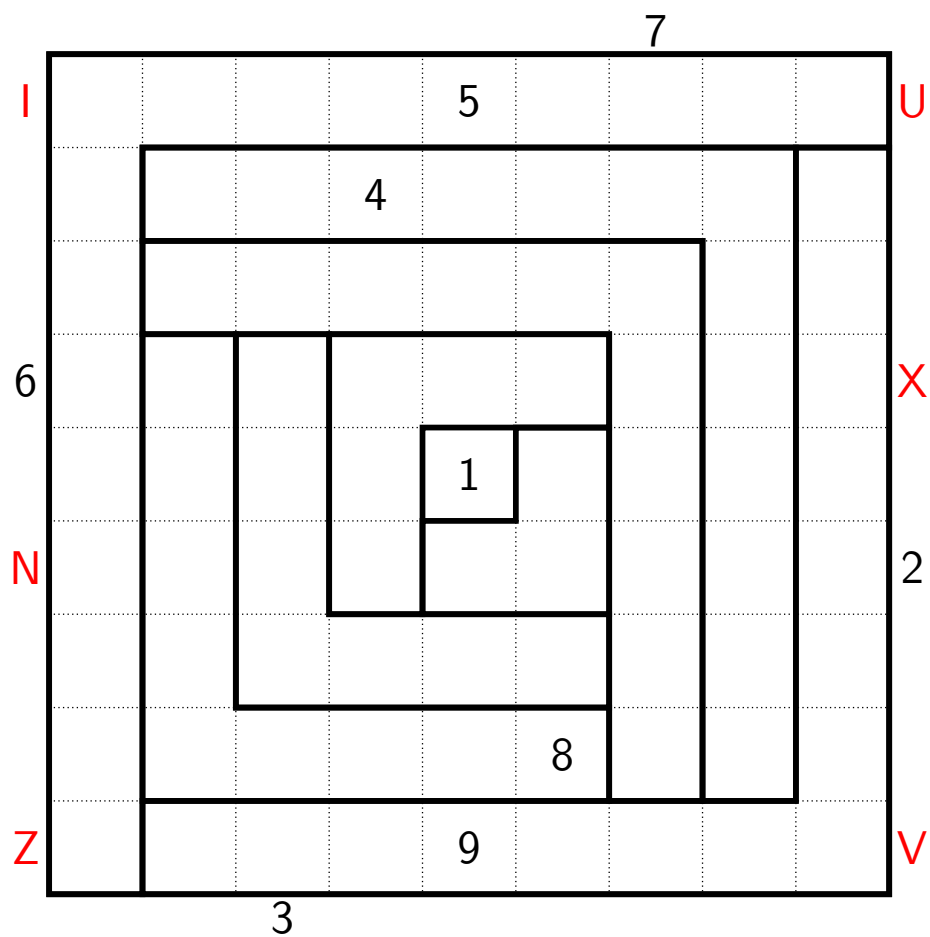


—1 : 1, 2 : 2, 3 : 3, 4 : 7, 5 : 9, 6 : 4, 7 : 6, 8 : 5, 9 : 8''



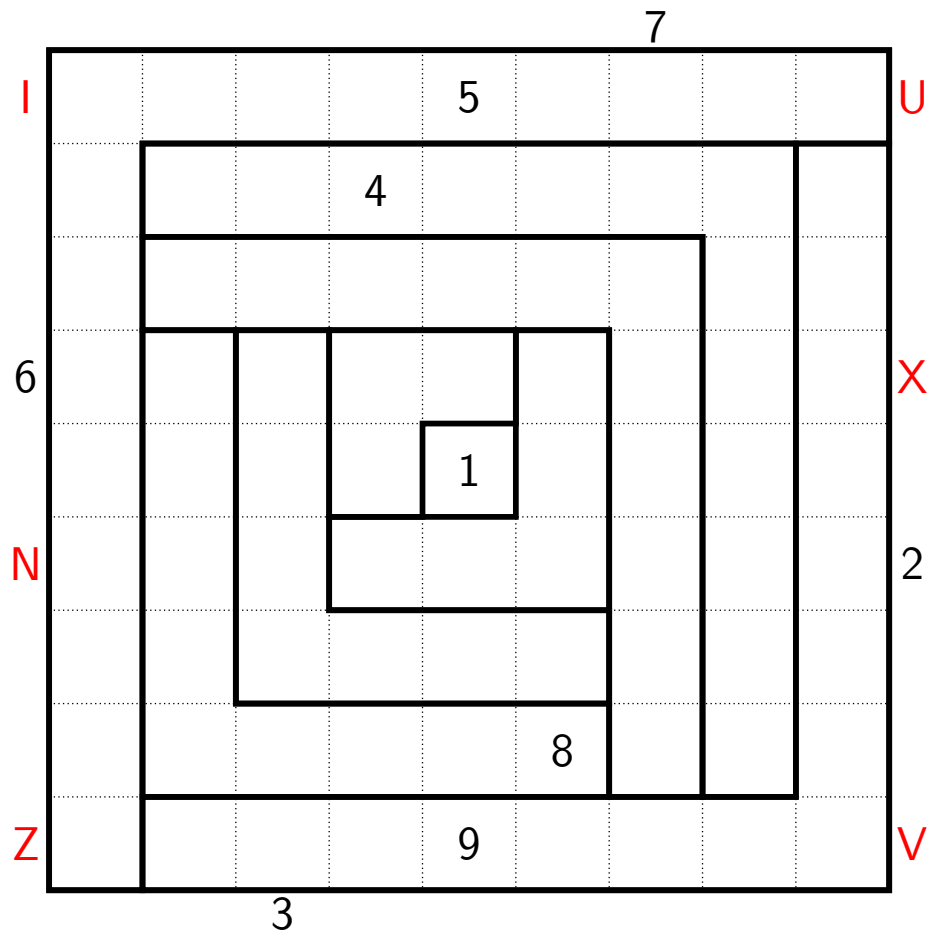
{1:1, 2:3, 3:3, 4:7, 5:9, 6:4, 7:6, 8:5, 9:8}

digits 2,3 are fighting over hook 3


$$\{1:1, 2:[2, 3], 3:4, 4:7, 5:9, 6:4, 7:6, 8:5, 9:8\}$$

digits 3,6 are fighting over hook 4

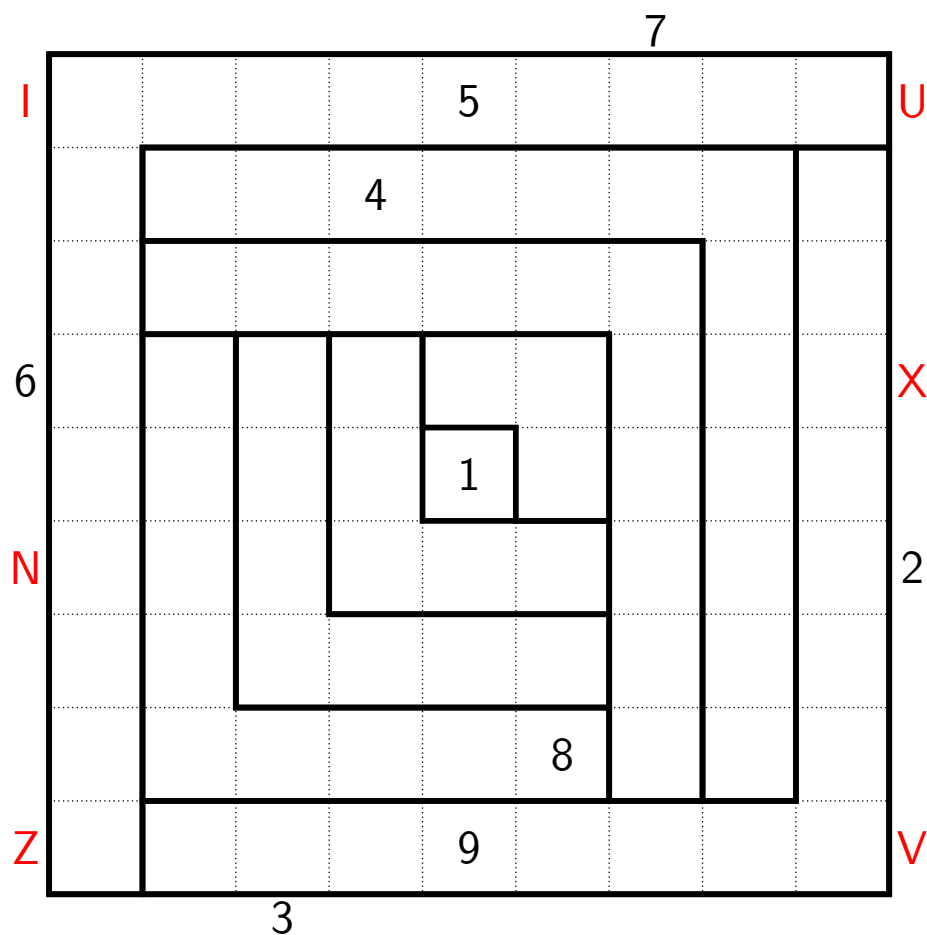
digits 3,6 are fighting over hook 4



{1:1, 2:3, 3:4, 4:7, 5:9, 6:4, 7:6, 8:5, 9:8}

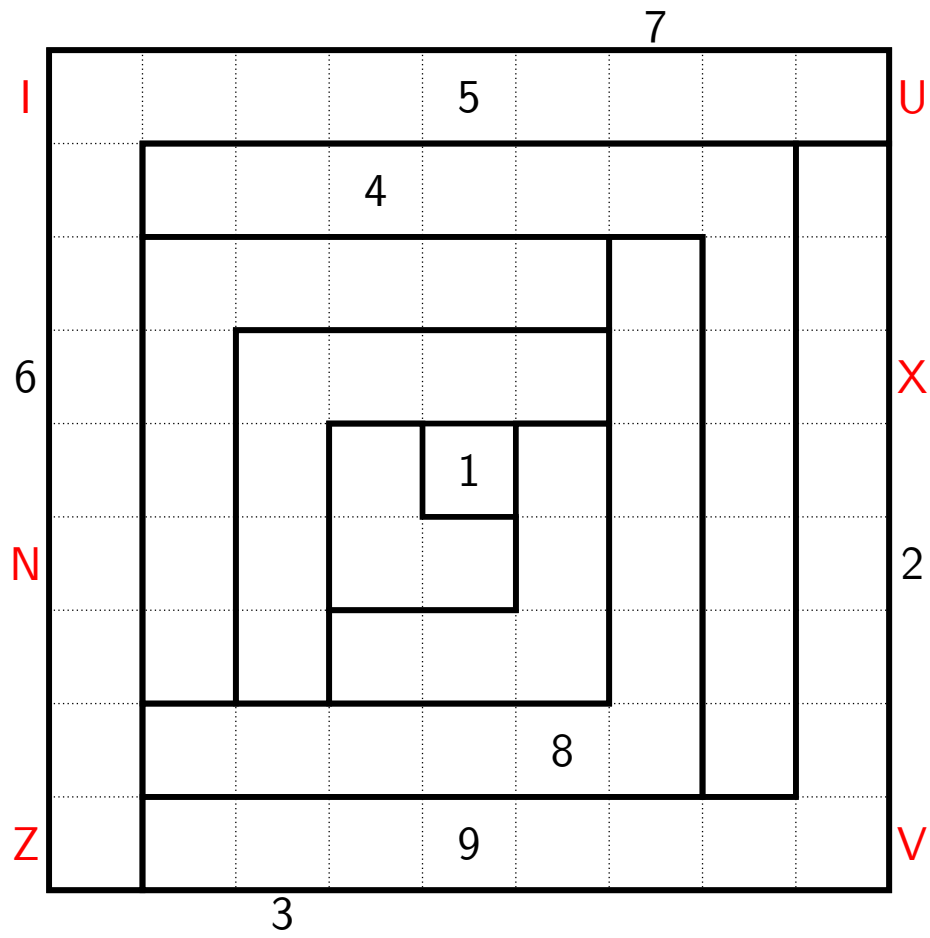
digits 3,6 are fighting over hook 4





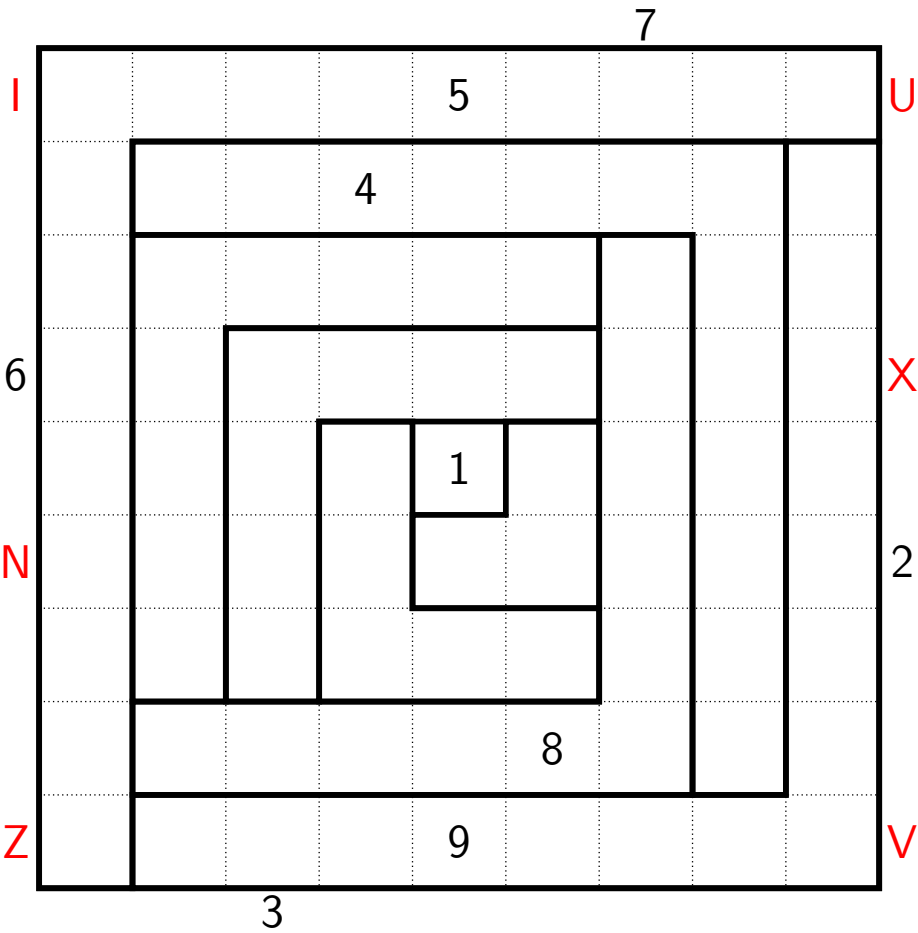
{1:1, 2:3, 3:4, 4:7, 5:9, 6:4, 7:6, 8:5, 9:8}

digits 3,6 are fighting over hook 4



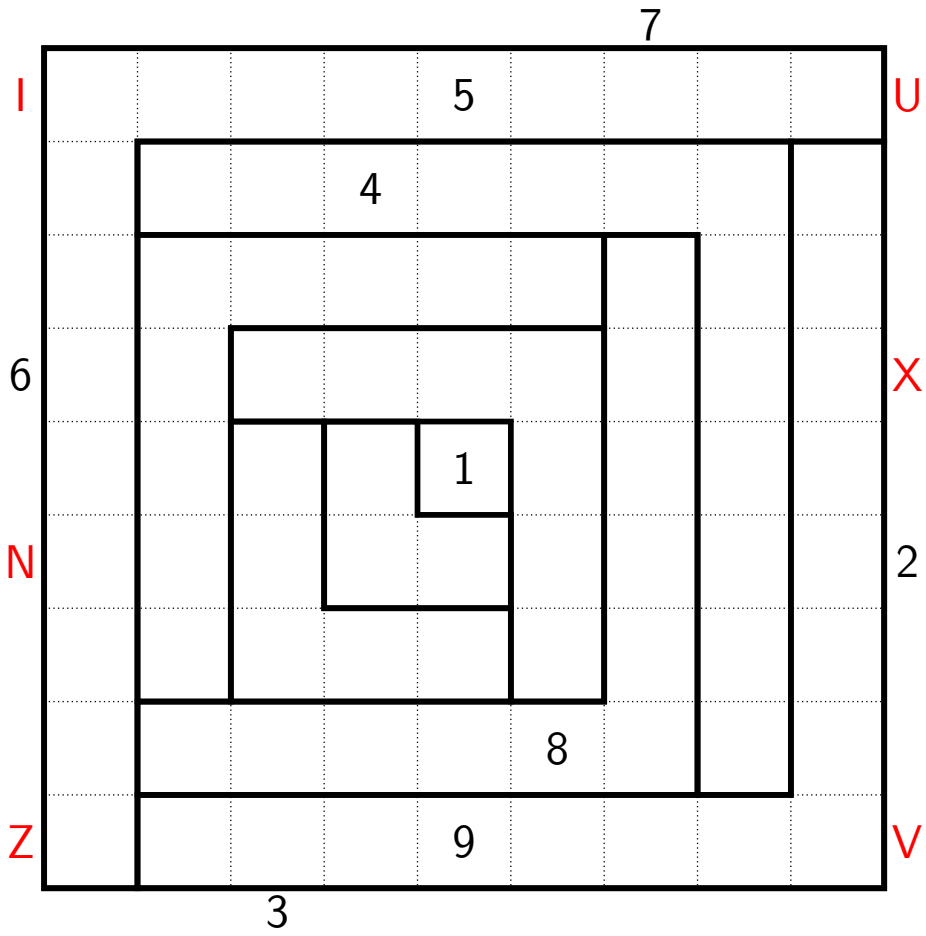
{1:1, 2:[2, 3, 4, 5], 3:[4, 5], 4:7, 5:9, 6:[4, 5], 7:[], 8:6, 9:8}

digit(s) 7 cannot be assigned to any hook



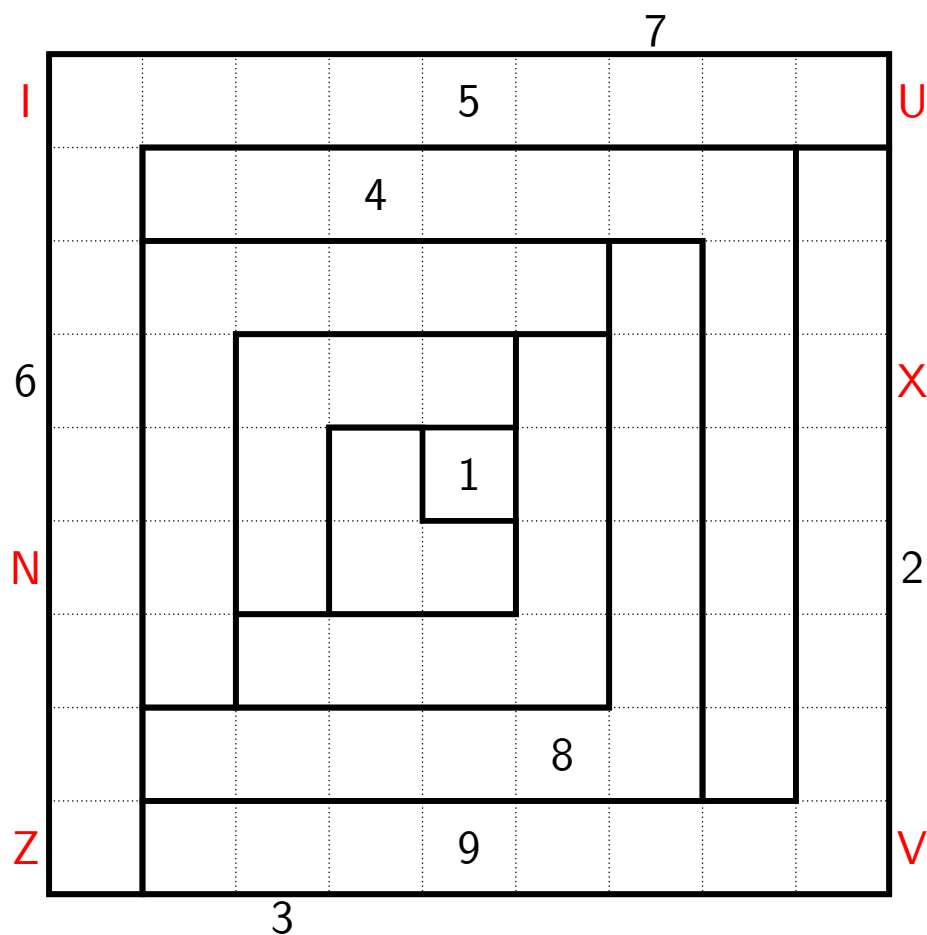
{1:1, 2:[2, 3, 4, 5], 3:[4, 5], 4:7, 5:9, 6:[4, 5], 7:[], 8:6, 9:8}

digit(s) 7 cannot be assigned to any hook


$$\{1:1, 2:[2, 3, 4, 5], 3:[3, 4, 5], 4:7, 5:9, 6:[4, 5], 7:[], 8:6,$$

9:8}

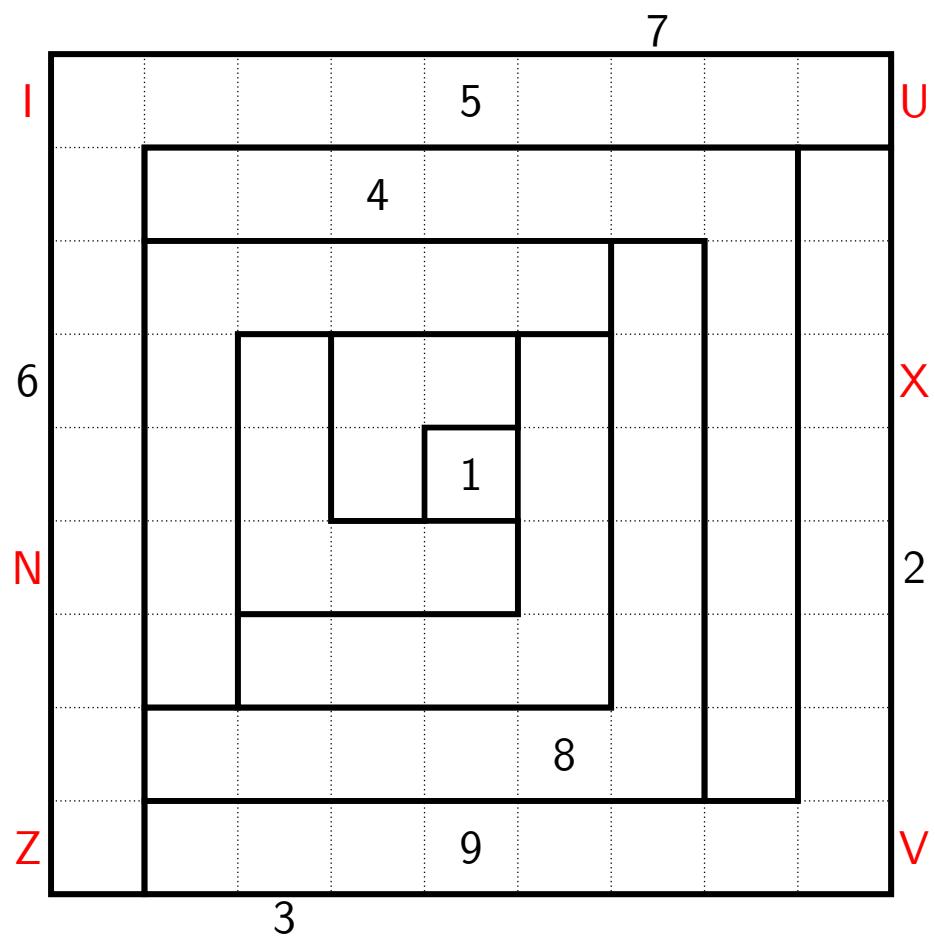
```
digit(s) 7 cannot be assigned to any hook
```



{1:1, 2:[2, 3, 4, 5], 3:[3, 4, 5], 4:7, 5:9, 6:[4, 5], 7:[], 8:6,

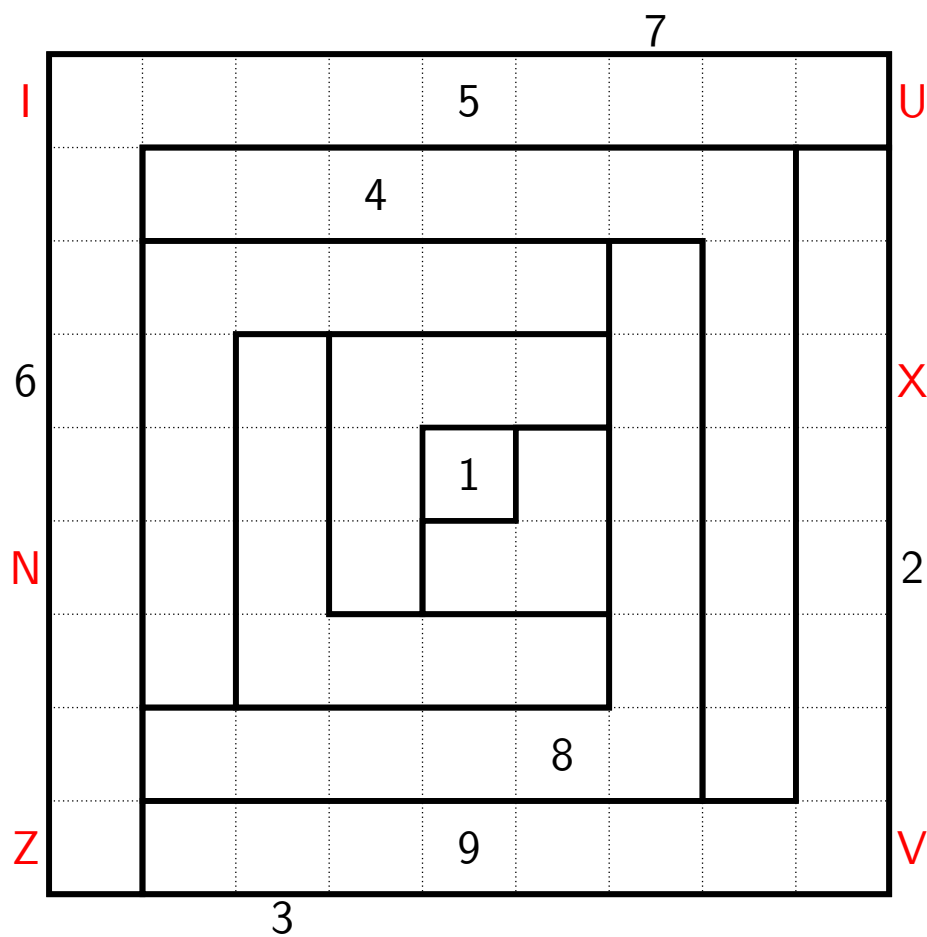
9:8}

digit(s) 7 cannot be assigned to any hook



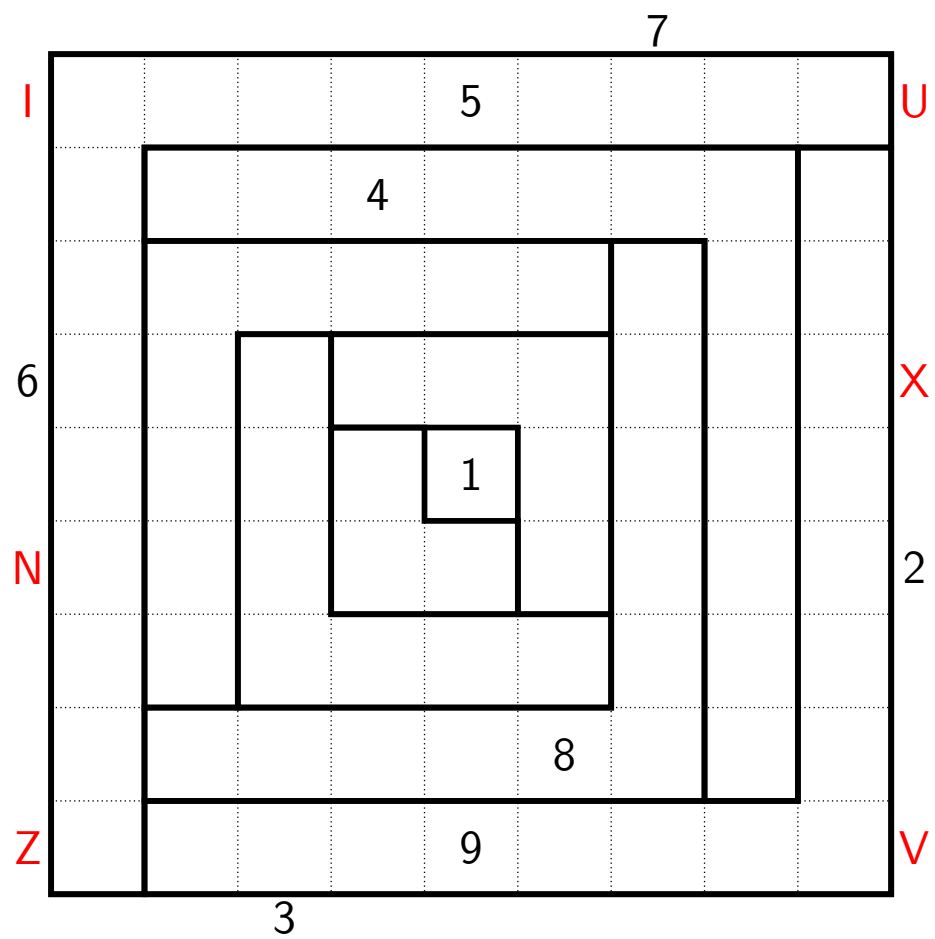
{1:1, 2:[3, 4, 5], 3:[3, 4, 5], 4:7, 5:9, 6:[4, 5], 7:[], 8:6, 9:8}

digit(s) 7 cannot be assigned to any hook



{1:1, 2:[2, 3, 4, 5], 3:[4, 5], 4:7, 5:9, 6:[4, 5], 7:[], 8:6, 9:8}

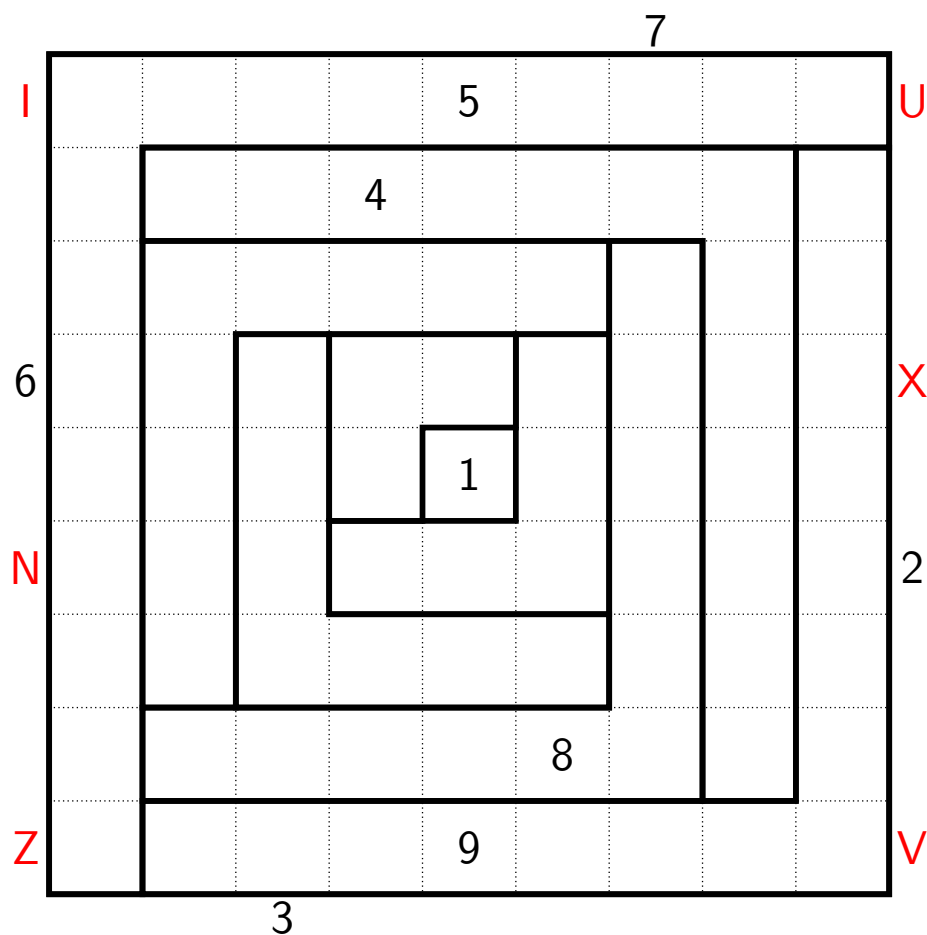
digit(s) 7 cannot be assigned to any hook



{1:1, 2:[2, 3, 4, 5], 3:[4, 5], 4:7, 5:9, 6:[4, 5], 7:[], 8:6, 9:8}

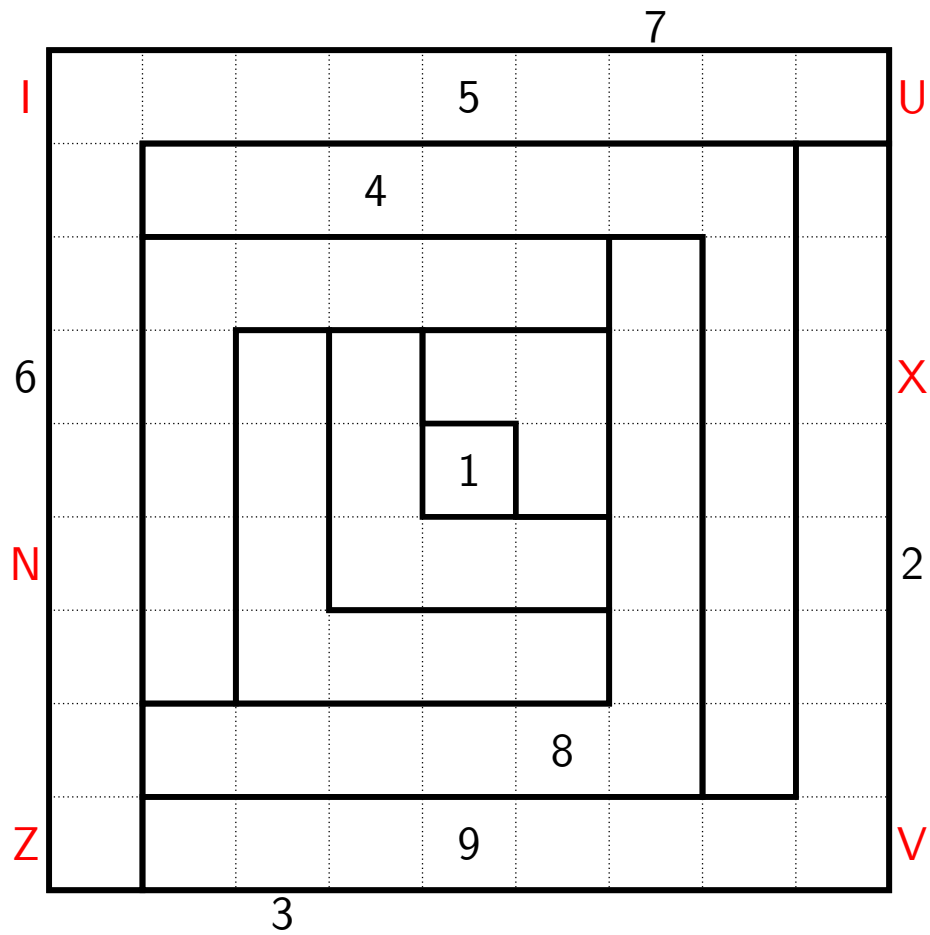
digit(s) 7 cannot be assigned to any hook





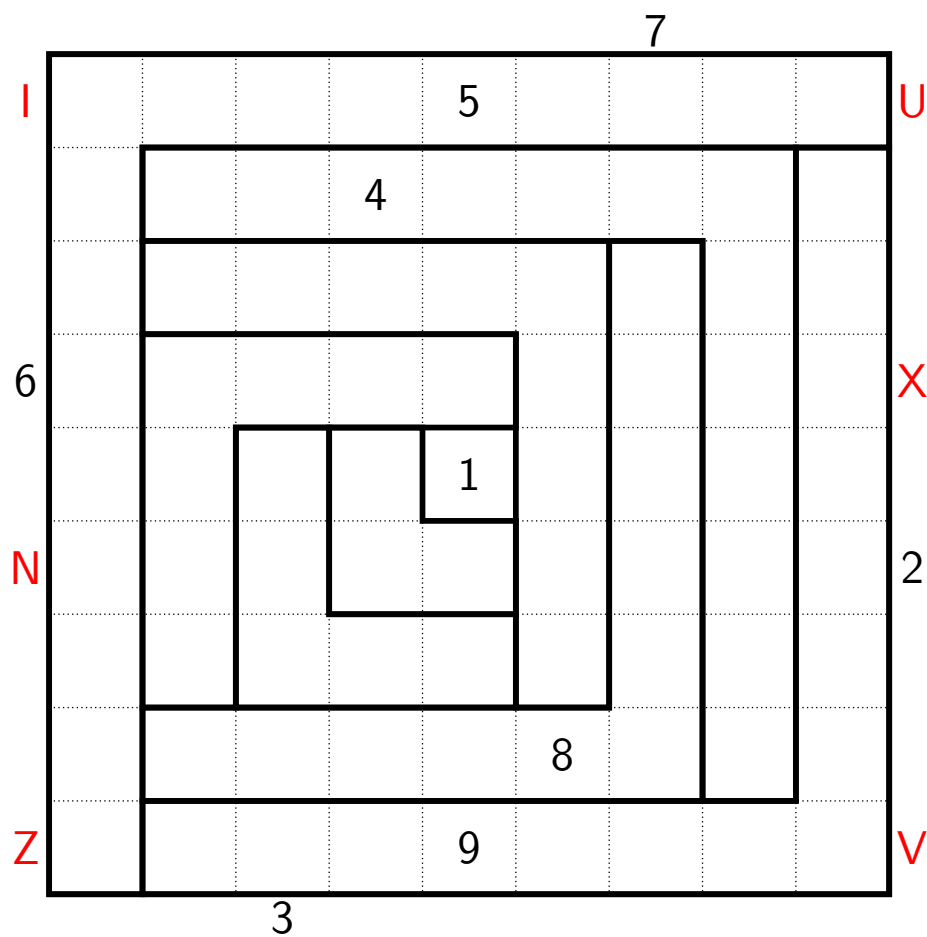
{1:1, 2:[3, 4, 5], 3:[4, 5], 4:7, 5:9, 6:[4, 5], 7:[], 8:6, 9:8}

digit(s) 7 cannot be assigned to any hook



```
{1:1, 2:[3, 4, 5], 3:[4, 5], 4:7, 5:9, 6:[4, 5], 7:[], 8:6, 9:8}
```

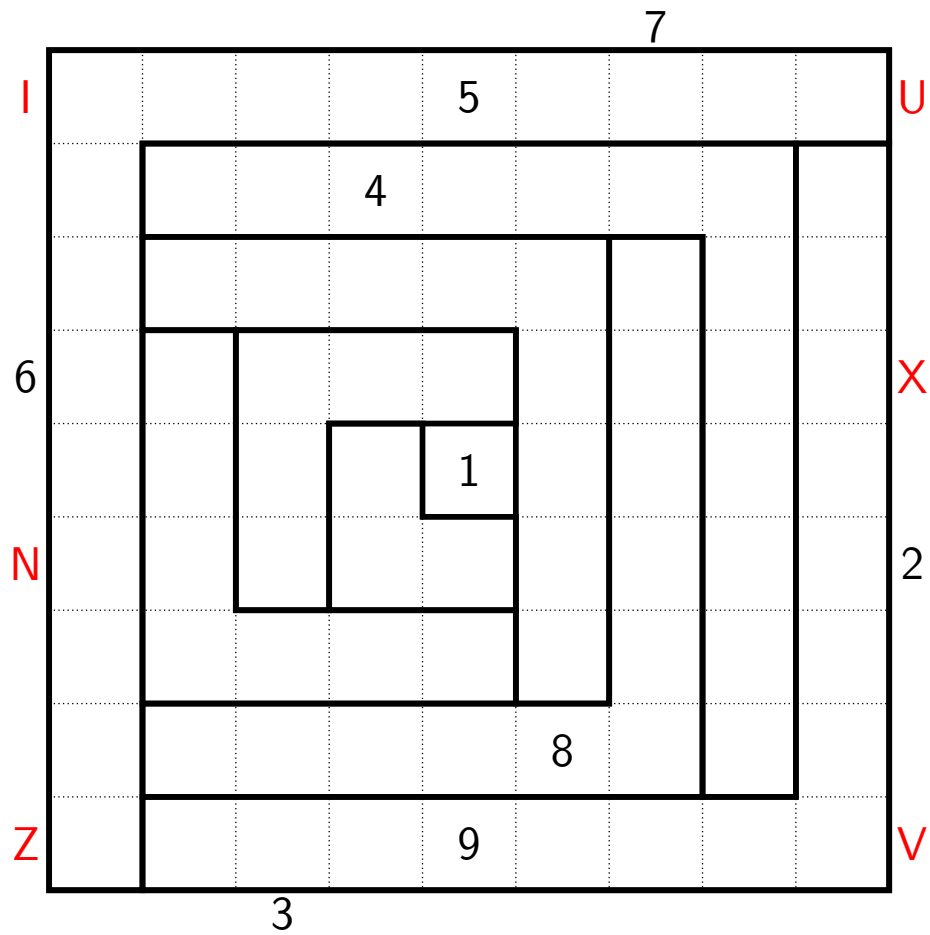
digit(s) 7 cannot be assigned to any hook



{1:1, 2:[2, 3, 4, 5], 3:[3, 4, 5], 4:7, 5:9, 6:[4, 5], 7:[], 8:6,

9:8}

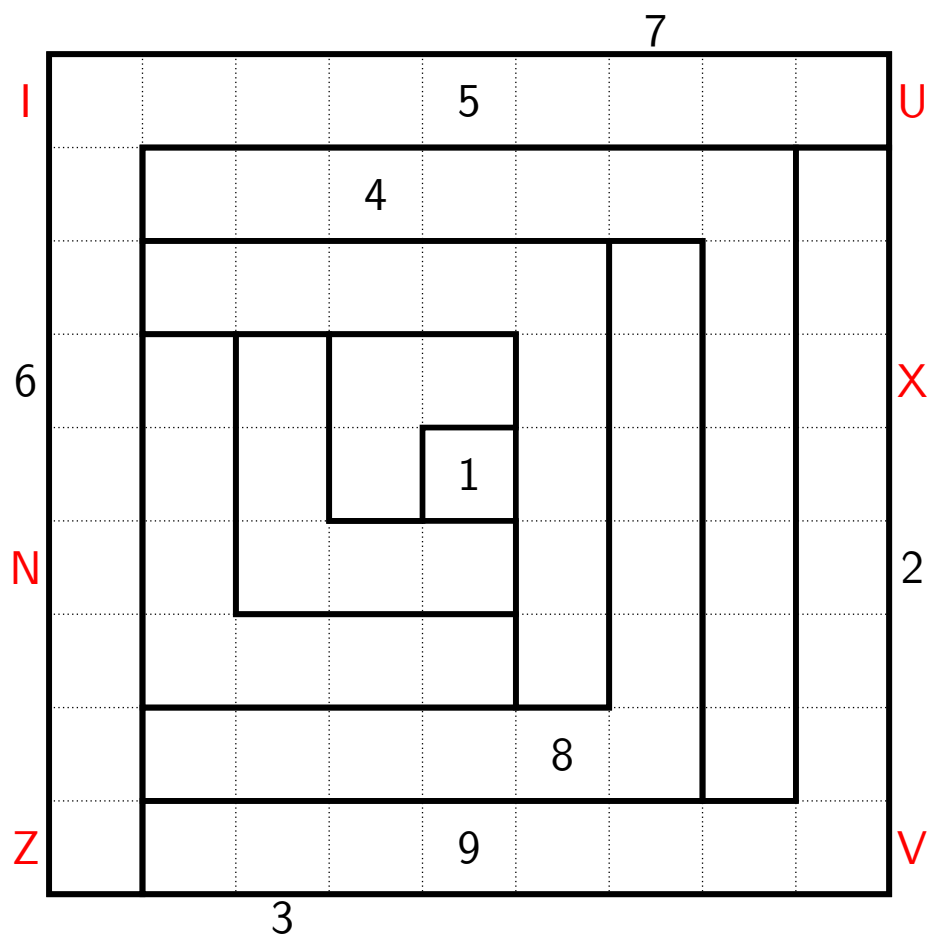
digit(s) 7 cannot be assigned to any hook



{1:1, 2:[2, 3, 4, 5], 3:[3, 4, 5], 4:7, 5:9, 6:[4, 5], 7:[], 8:6,

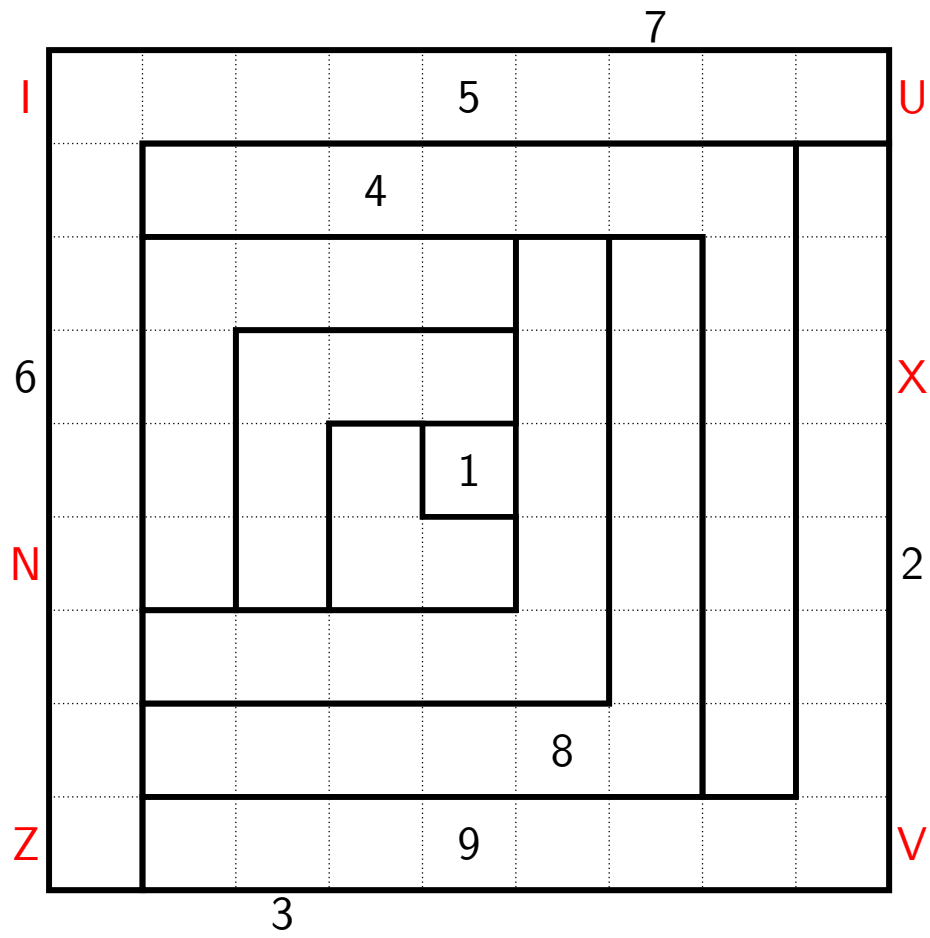
9:8}

digit(s) 7 cannot be assigned to any hook



{1:1, 2:[3, 4, 5], 3:[3, 4, 5], 4:7, 5:9, 6:[4, 5], 7:[], 8:6, 9:8}

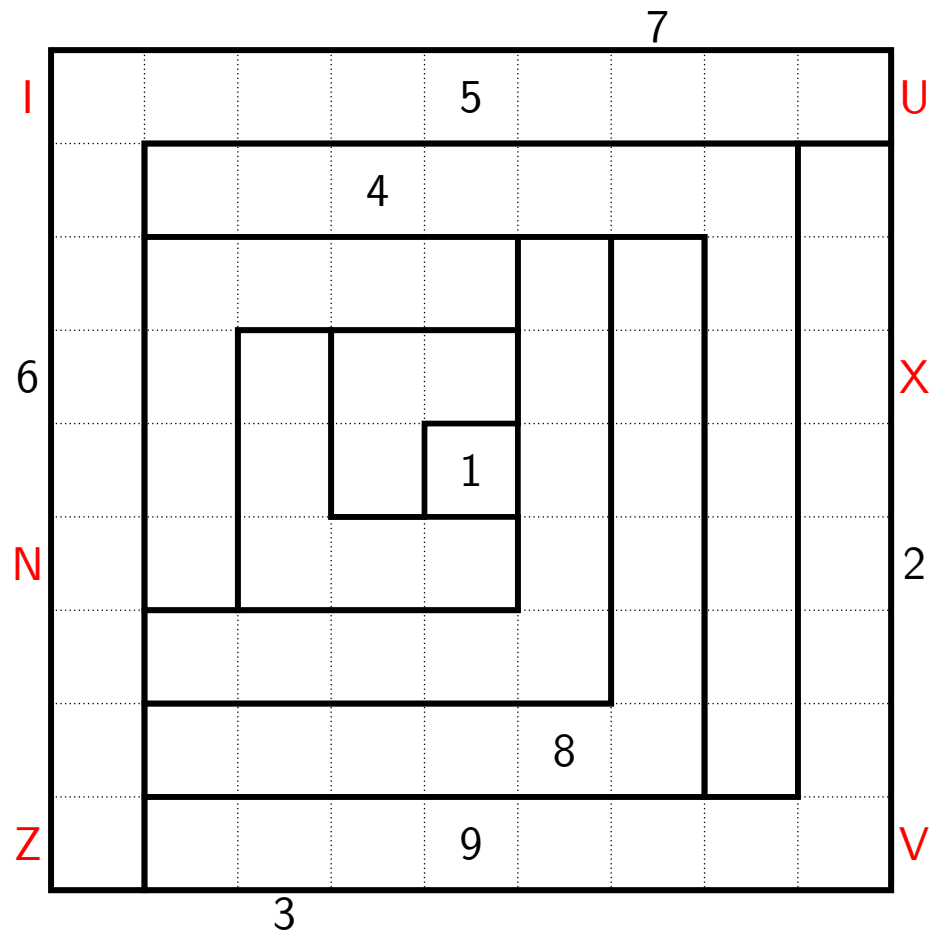
digit(s) 7 cannot be assigned to any hook



{1:1, 2:[2, 3, 4, 5], 3:[3, 4, 5], 4:7, 5:9, 6:[4, 5], 7:[], 8:6,

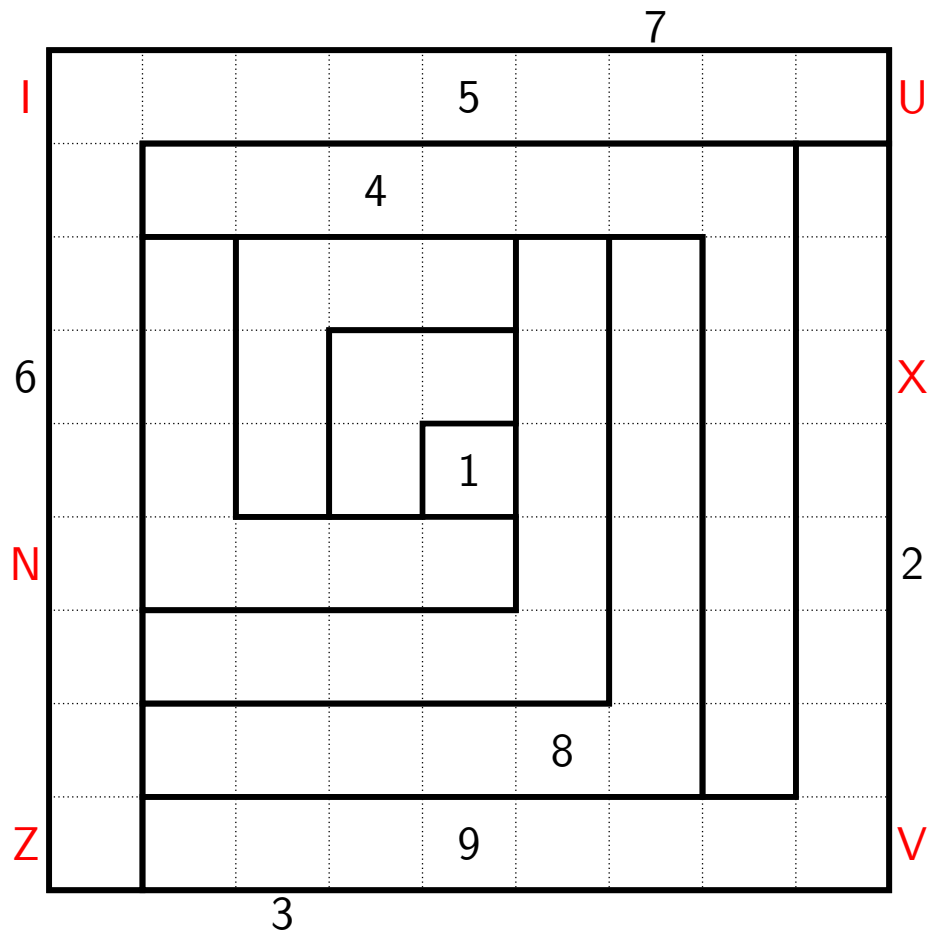
9:8}

digit(s) 7 cannot be assigned to any hook



```
{1:1, 2:[3, 4, 5], 3:[3, 4, 5], 4:7, 5:9, 6:[4, 5], 7:[], 8:6, 9:8}
```

digit(s) 7 cannot be assigned to any hook

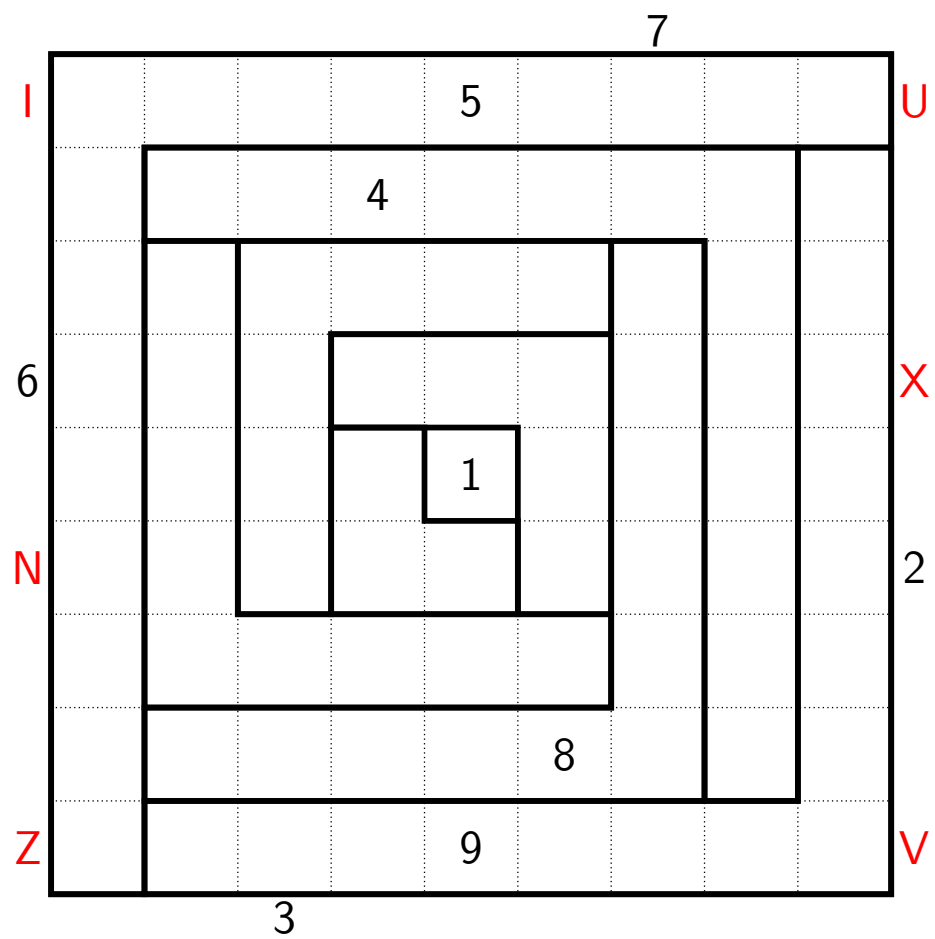


```
{1:1, 2:[4, 5], 3:[3, 4, 5], 4:7, 5:9, 6:[4, 5], 7:[], 8:6, 9:8}
```

digit(s) 7 cannot be assigned to any hook

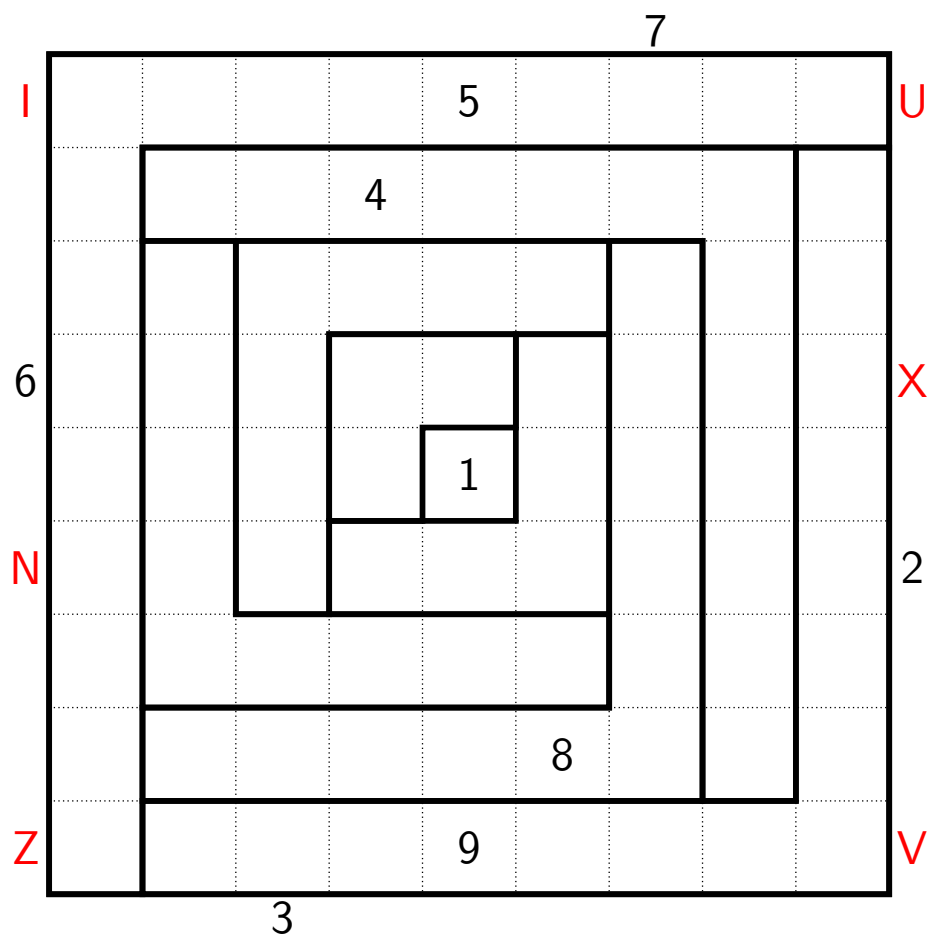


```
digit(s) 7 cannot be assigned to any hook
```



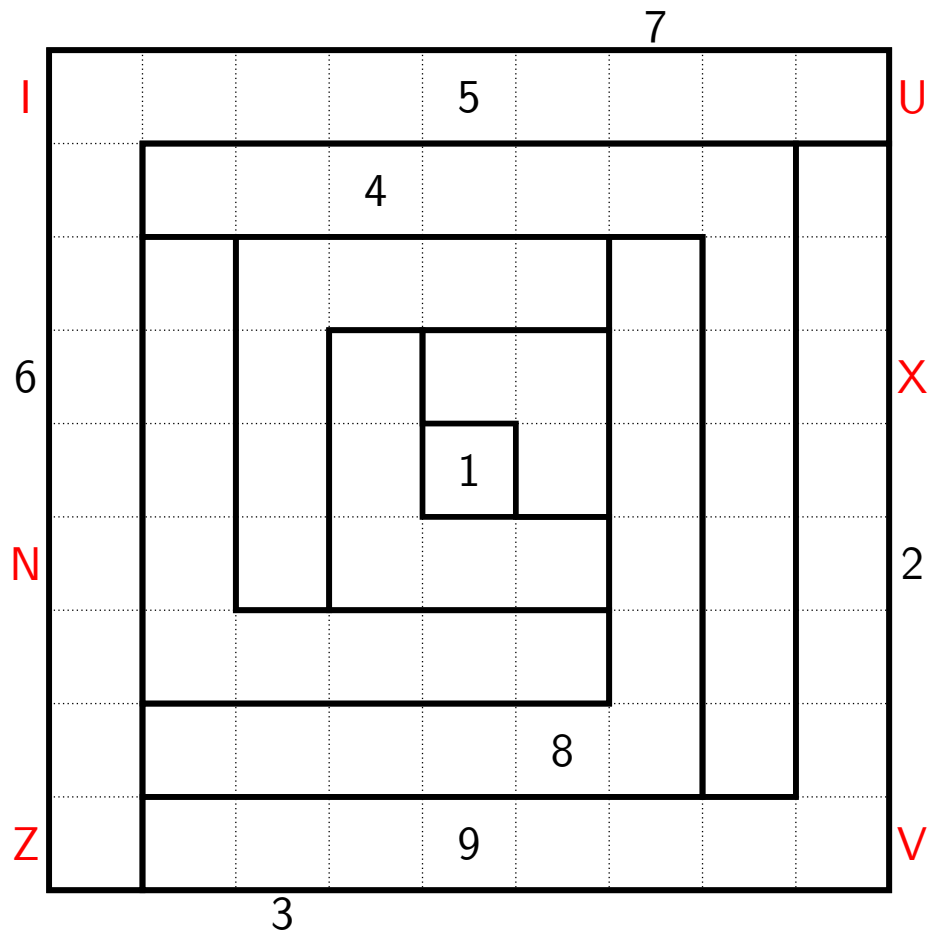
{1:1, 2:[2, 3, 4, 5], 3:[4, 5], 4:7, 5:9, 6:[4, 5], 7:[], 8:6, 9:8}

digit(s) 7 cannot be assigned to any hook



{1:1, 2:[3, 4, 5], 3:[4, 5], 4:7, 5:9, 6:[4, 5], 7:[], 8:6, 9:8}

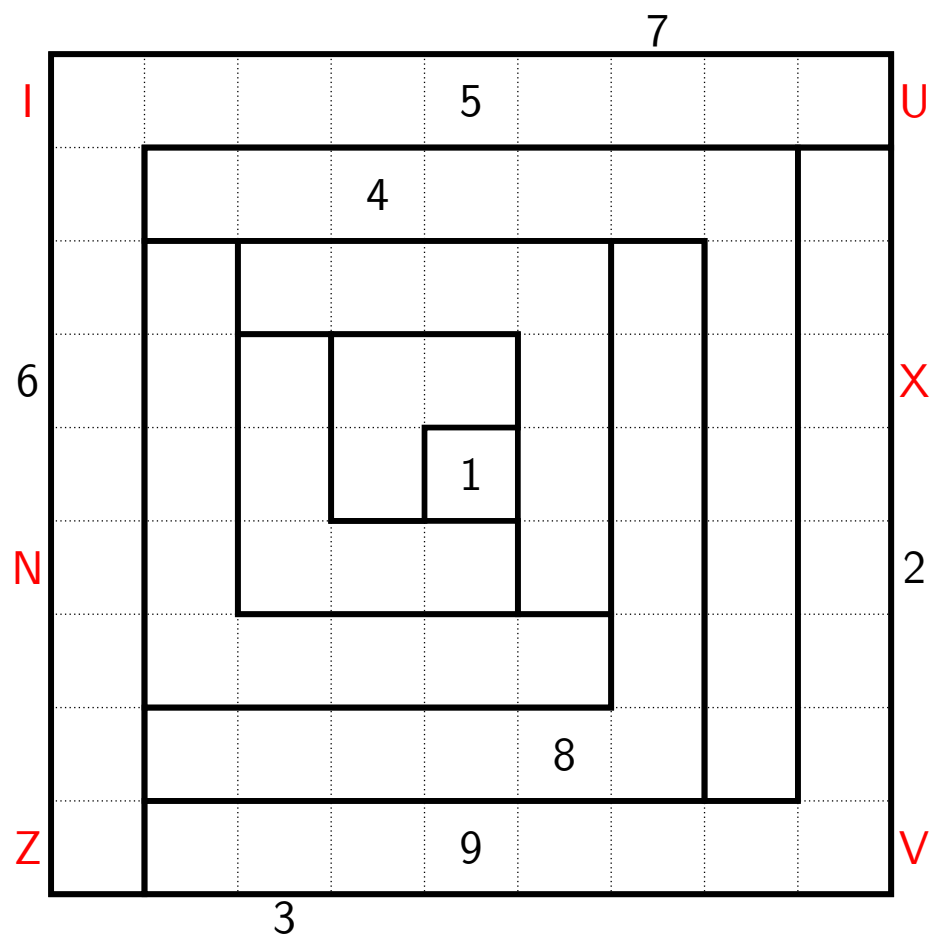
digit(s) 7 cannot be assigned to any hook



```
{1:1, 2:[3, 4, 5], 3:[4, 5], 4:7, 5:9, 6:[4, 5], 7:[], 8:6, 9:8}
```

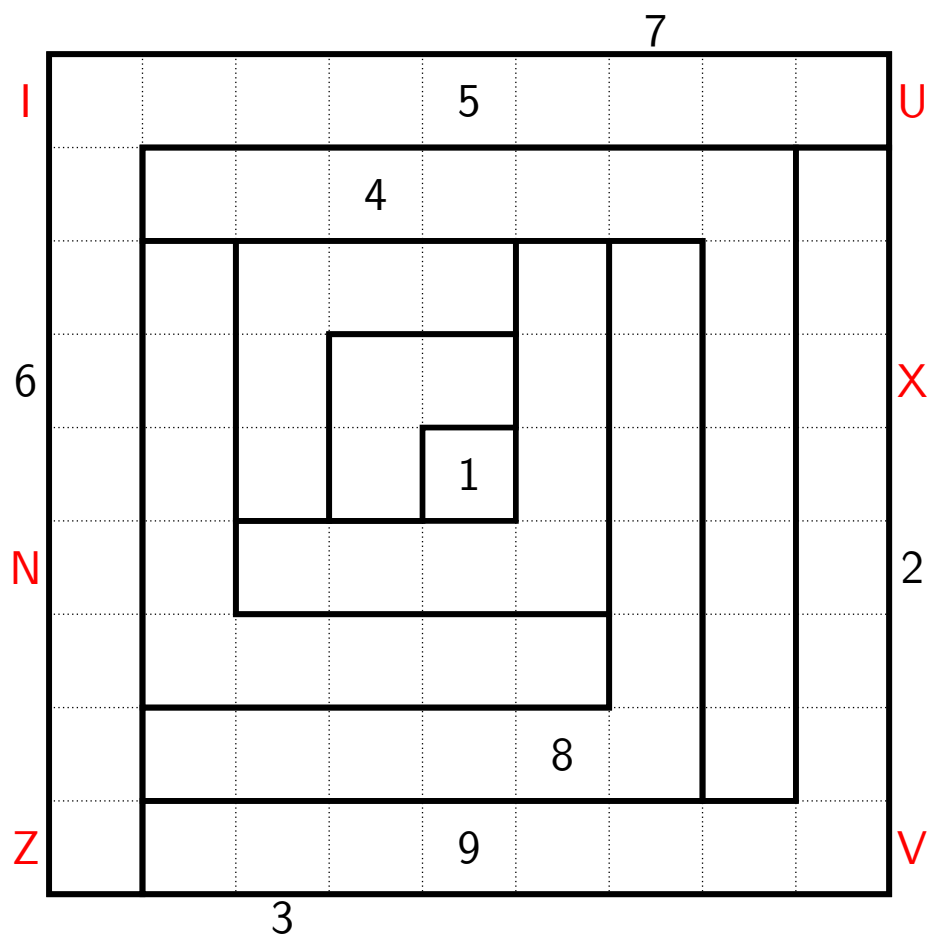
digit(s) 7 cannot be assigned to any hook

```
{1:1, 2:[2, 3, 4, 5], 3:[3, 4, 5], 4:7, 5:9, 6:[4, 5], 7:[], 8:6,
9:8}
digit(s) 7 cannot be assigned to any hook
```



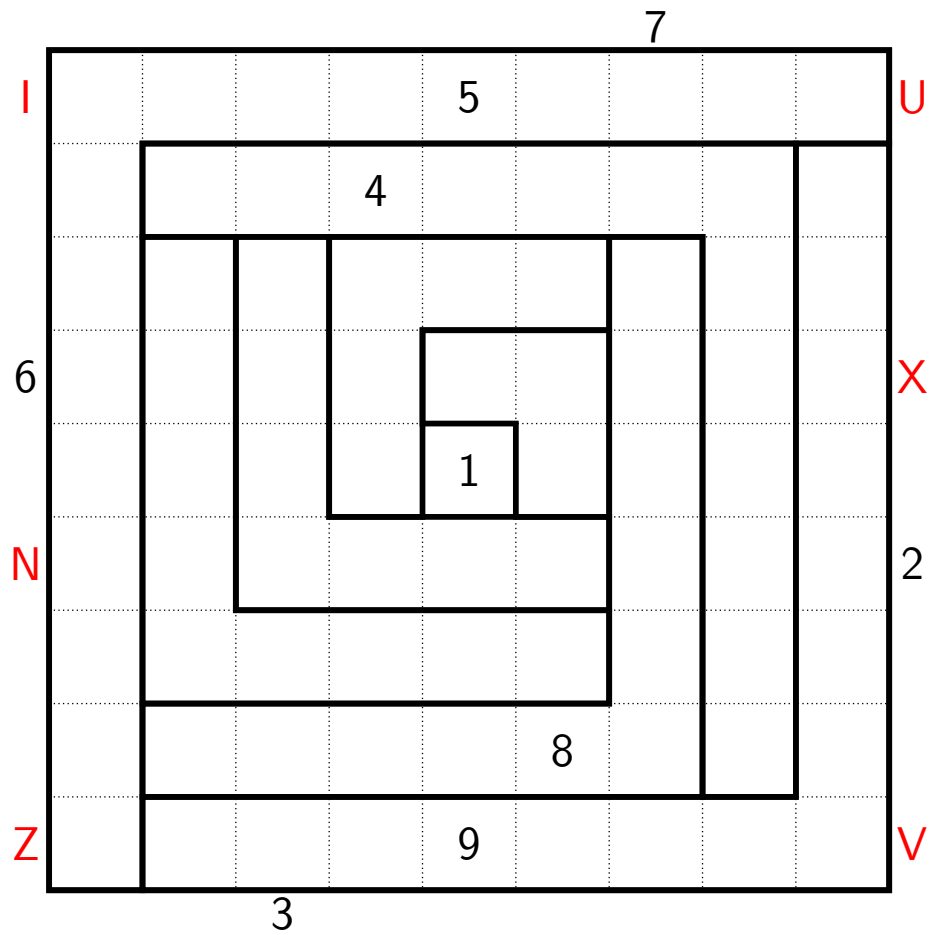
{1:1, 2:[3, 4, 5], 3:[3, 4, 5], 4:7, 5:9, 6:[4, 5], 7:[], 8:6, 9:8}

digit(s) 7 cannot be assigned to any hook



{1:1, 2:[4, 5], 3:[3, 4, 5], 4:7, 5:9, 6:[4, 5], 7:[], 8:6, 9:8}

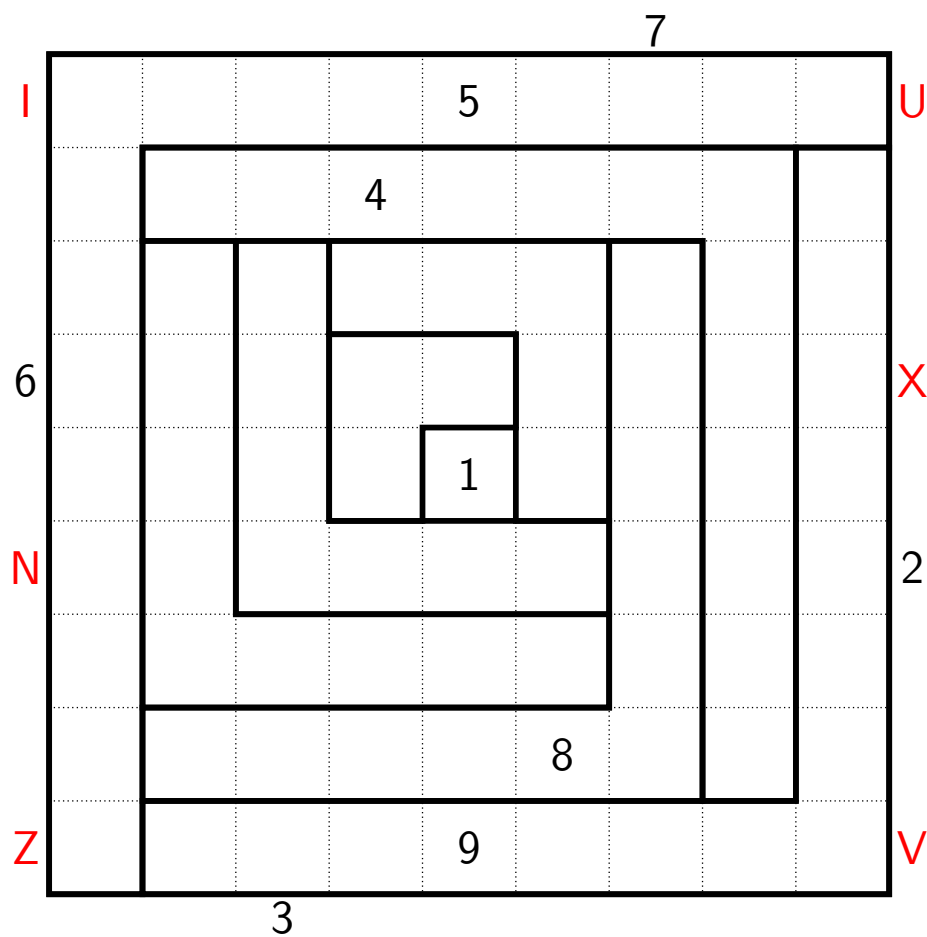
digit(s) 7 cannot be assigned to any hook



{1:1, 2:[4, 5], 3:[4, 5], 4:7, 5:9, 6:[4, 5], 7:[], 8:6, 9:8}

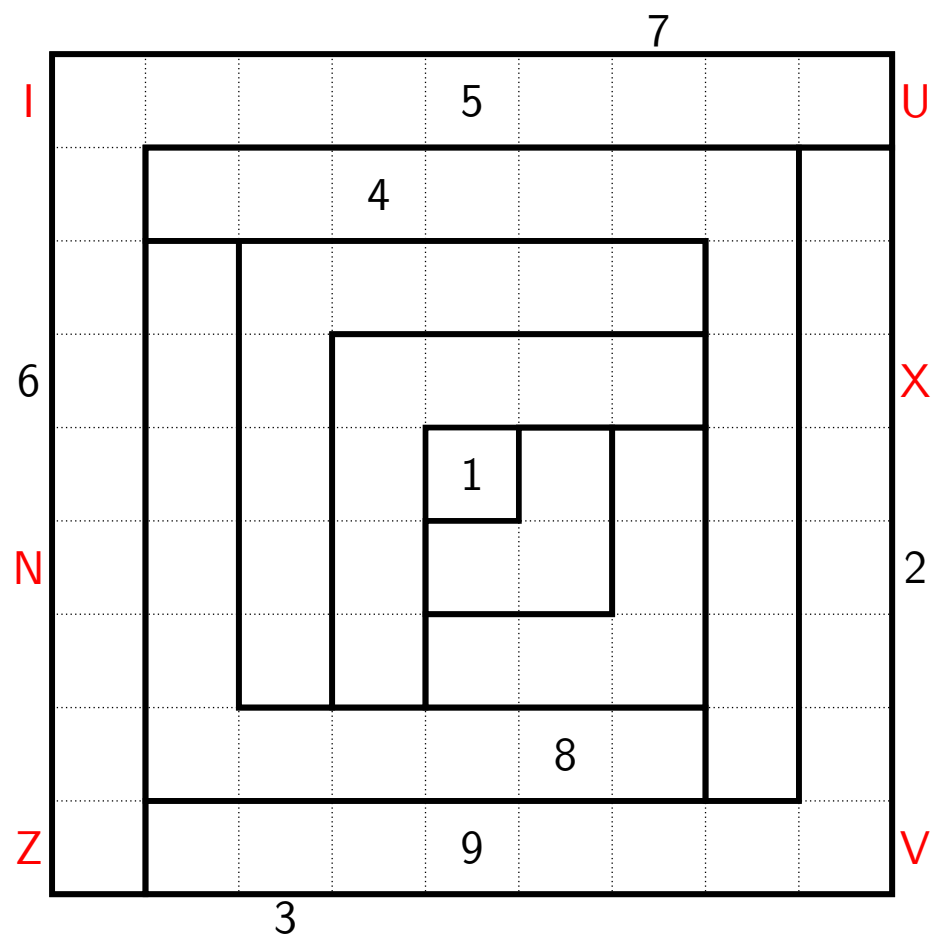
there are more uncertain digits (2,3,6) than available hooks (4,5)





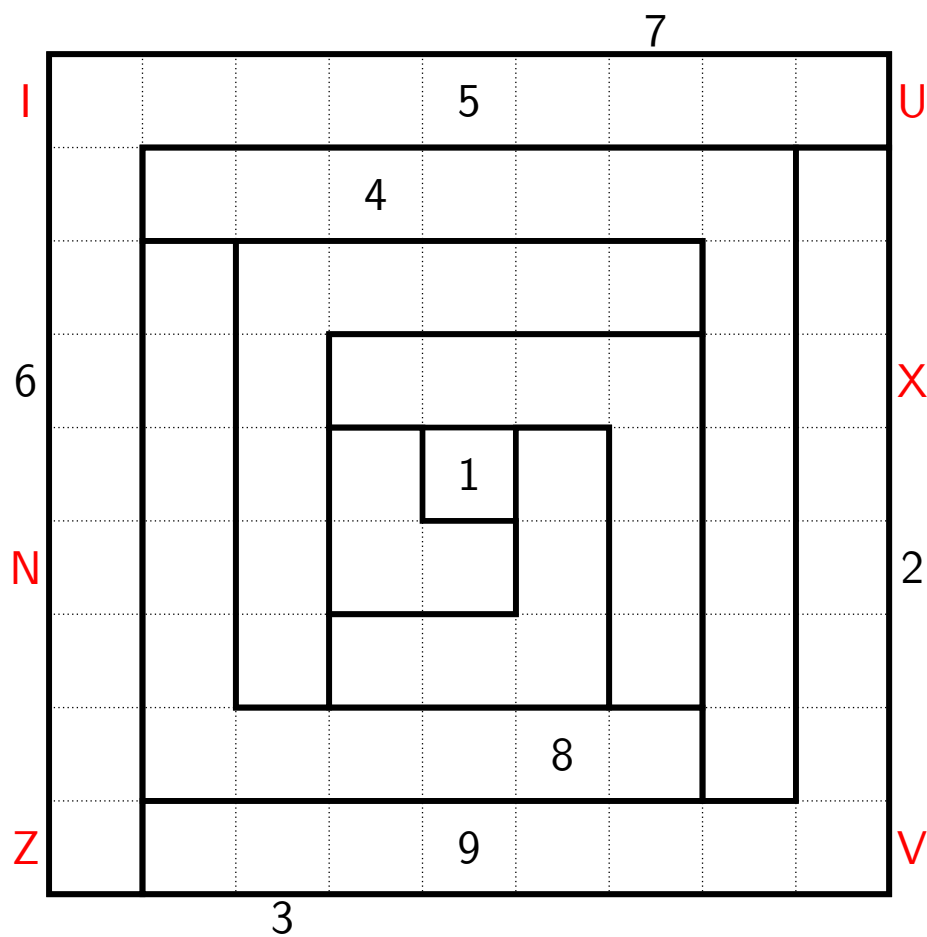
{1:1, 2:[4, 5], 3:[4, 5], 4:7, 5:9, 6:[4, 5], 7:[], 8:6, 9:8}

there are more uncertain digits (2,3,6) than available hooks (4,5)



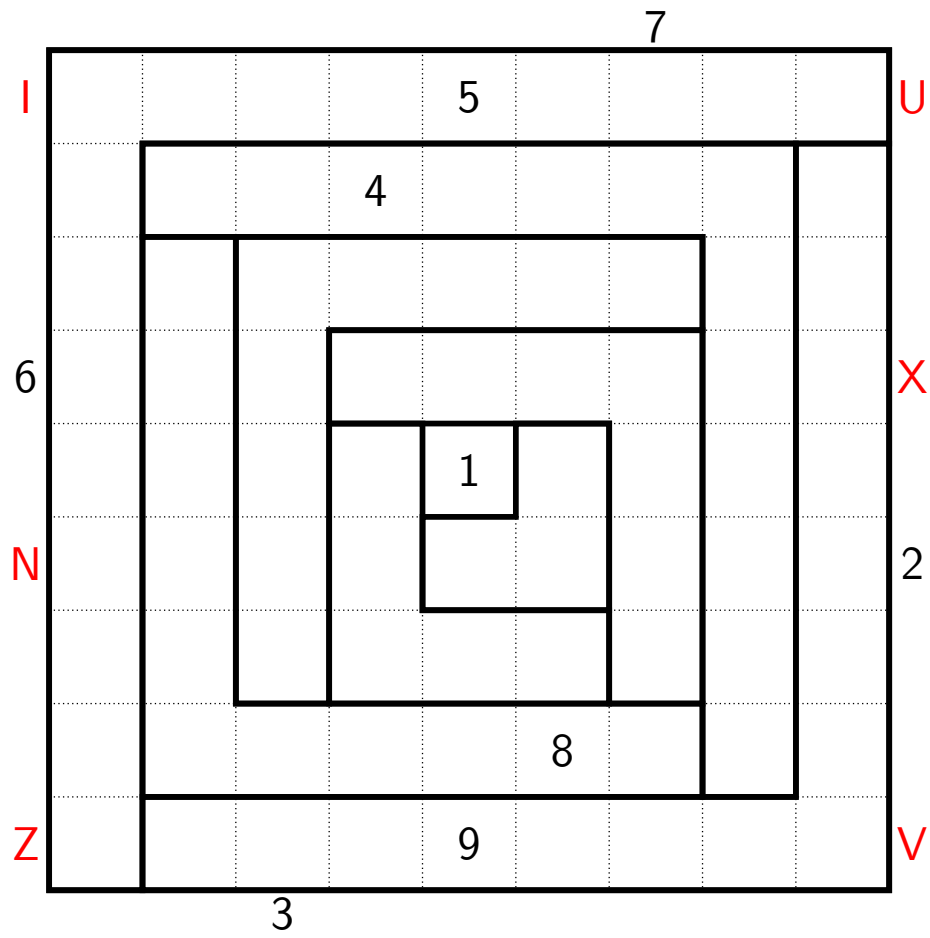
{1:1, 2:[2, 3], 3:5, 4:7, 5:9, 6:4, 7:[], 8:6, 9:8}

digit(s) 7 cannot be assigned to any hook



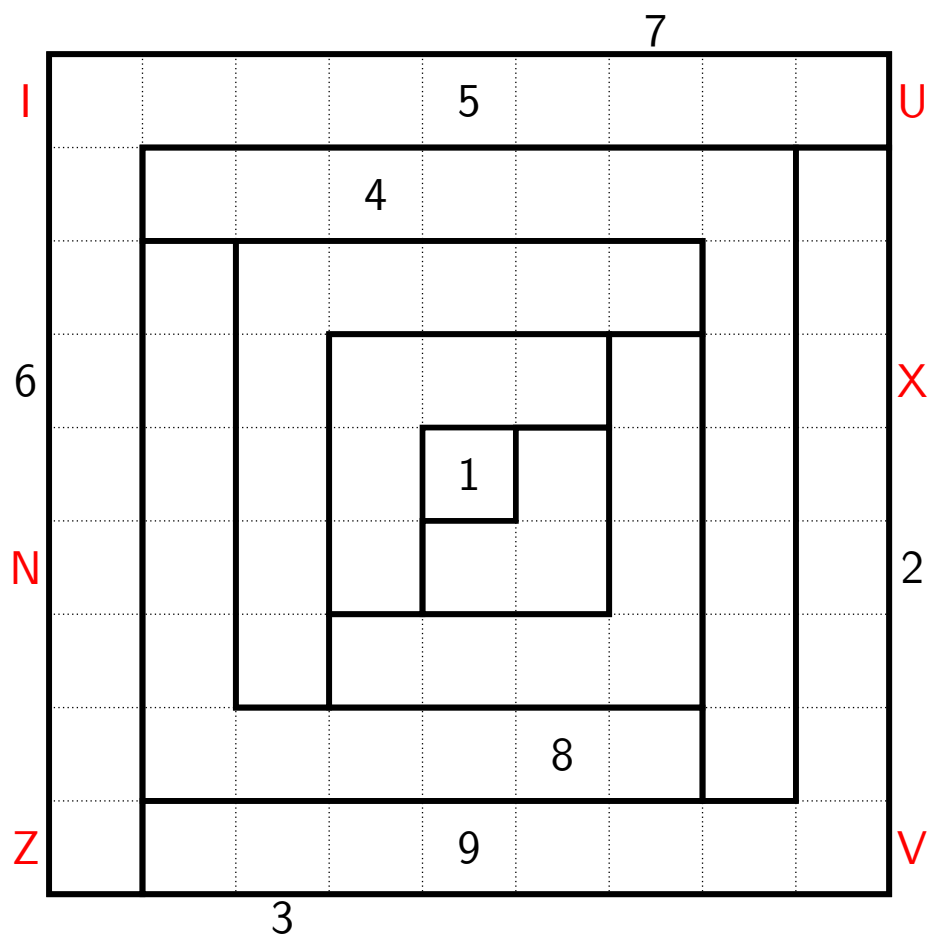
{1:1, 2:[2, 3], 3:5, 4:7, 5:9, 6:4, 7:[], 8:6, 9:8}

digit(s) 7 cannot be assigned to any hook



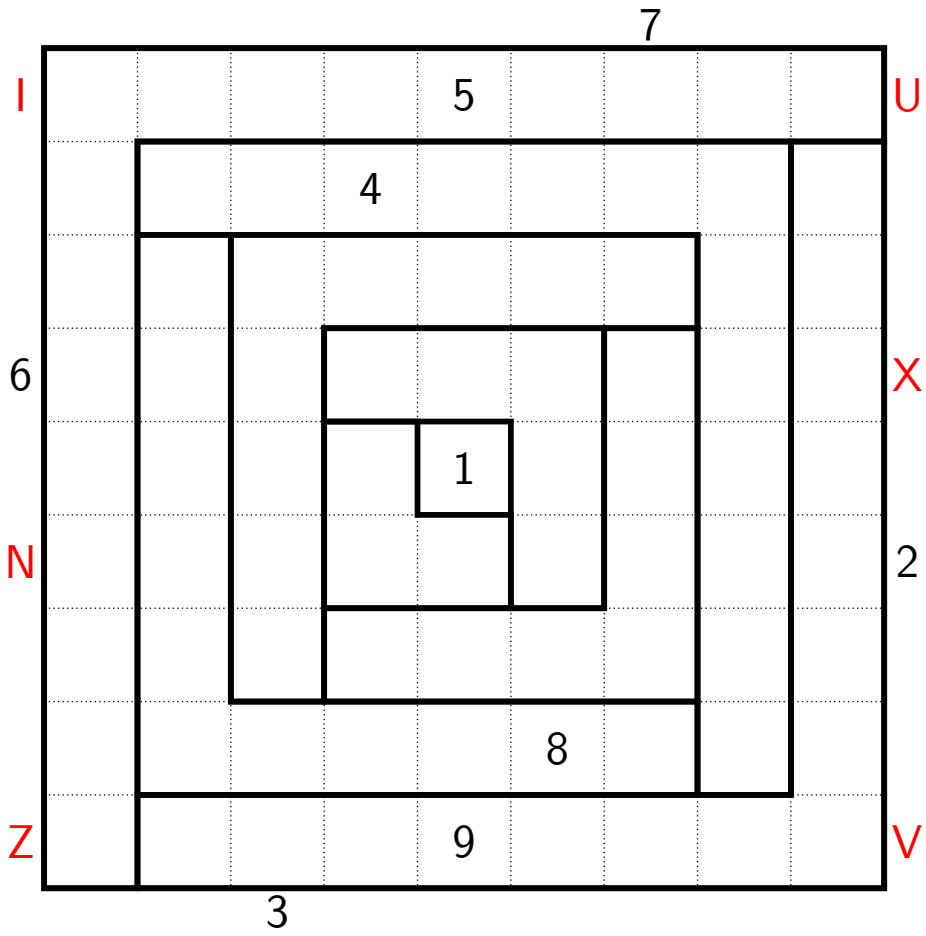
{1:1, 2:[2, 3], 3:5, 4:7, 5:9, 6:4, 7:[], 8:6, 9:8}

digit(s) 7 cannot be assigned to any hook



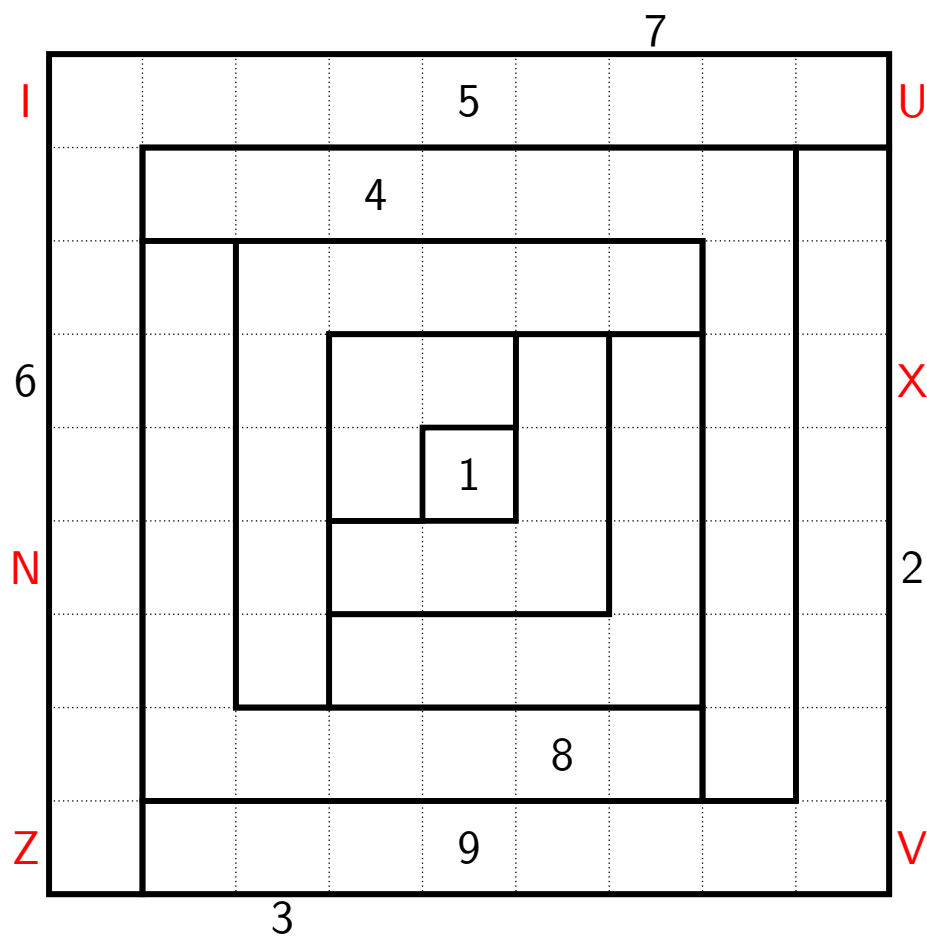
{1:1, 2:[2, 3], 3:5, 4:7, 5:9, 6:4, 7:[], 8:6, 9:8}

digit(s) 7 cannot be assigned to any hook



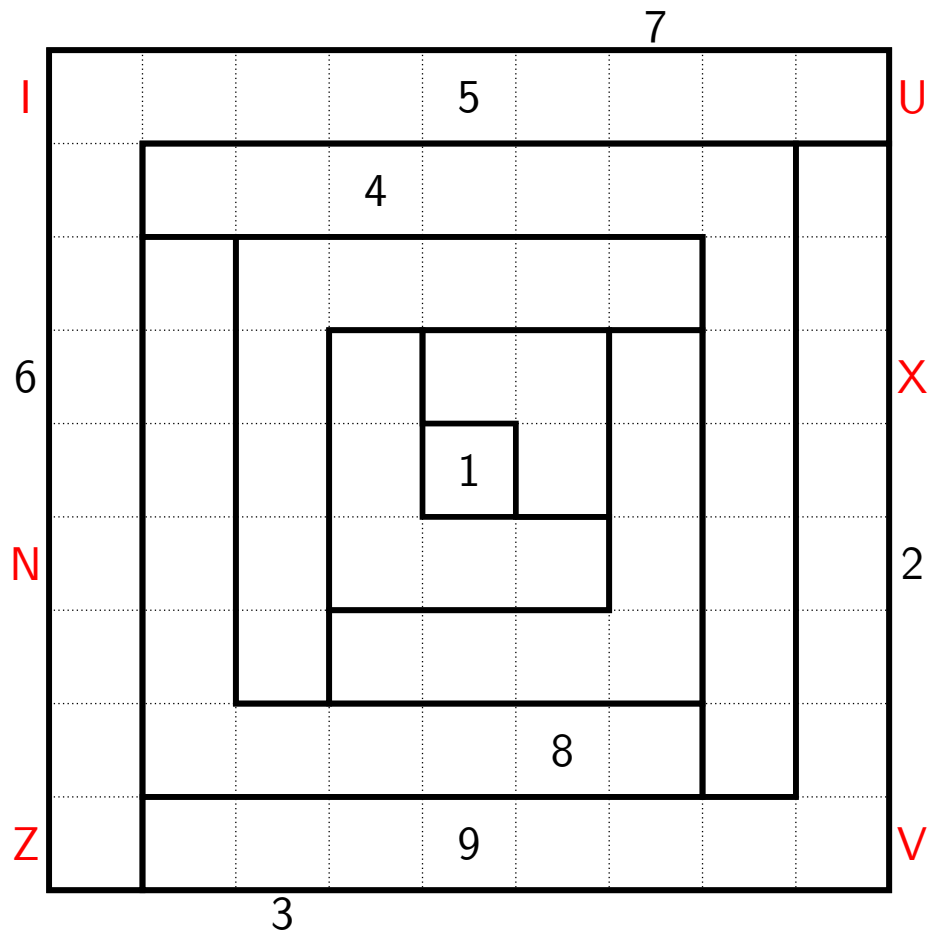
```
{1:1, 2:[2, 3], 3:5, 4:7, 5:9, 6:4, 7:[], 8:6, 9:8}
```

digit(s) 7 cannot be assigned to any hook



{1:1, 2:3, 3:5, 4:7, 5:9, 6:4, 7:[], 8:6, 9:8}

digit(s) 7 cannot be assigned to any hook

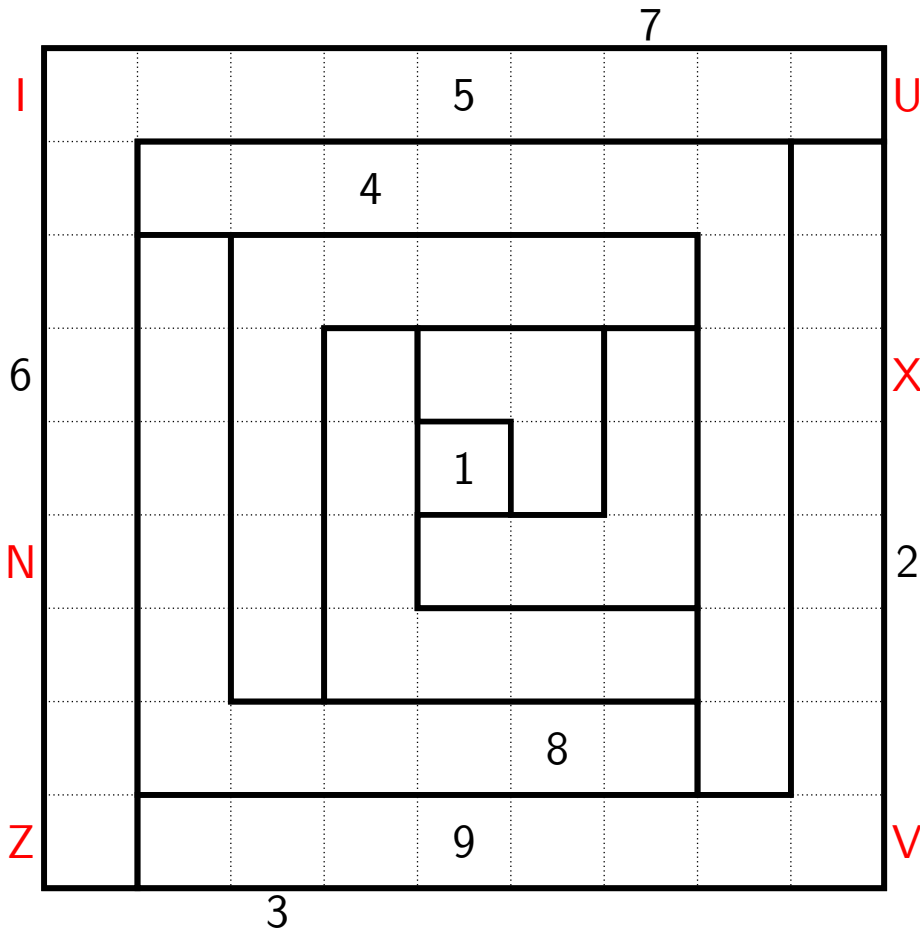


{1:1, 2:3, 3:5, 4:7, 5:9, 6:4, 7:[], 8:6, 9:8}

digit(s) 7 cannot be assigned to any hook

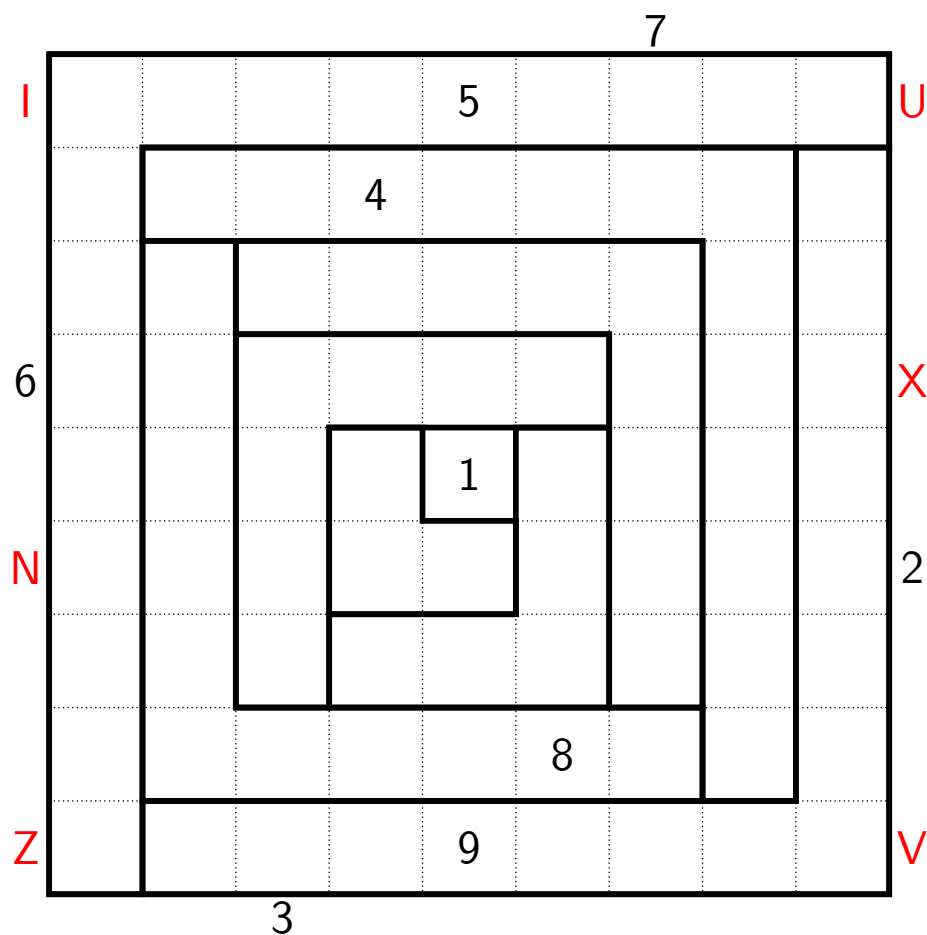


digit(s) 7 cannot be assigned to any hook



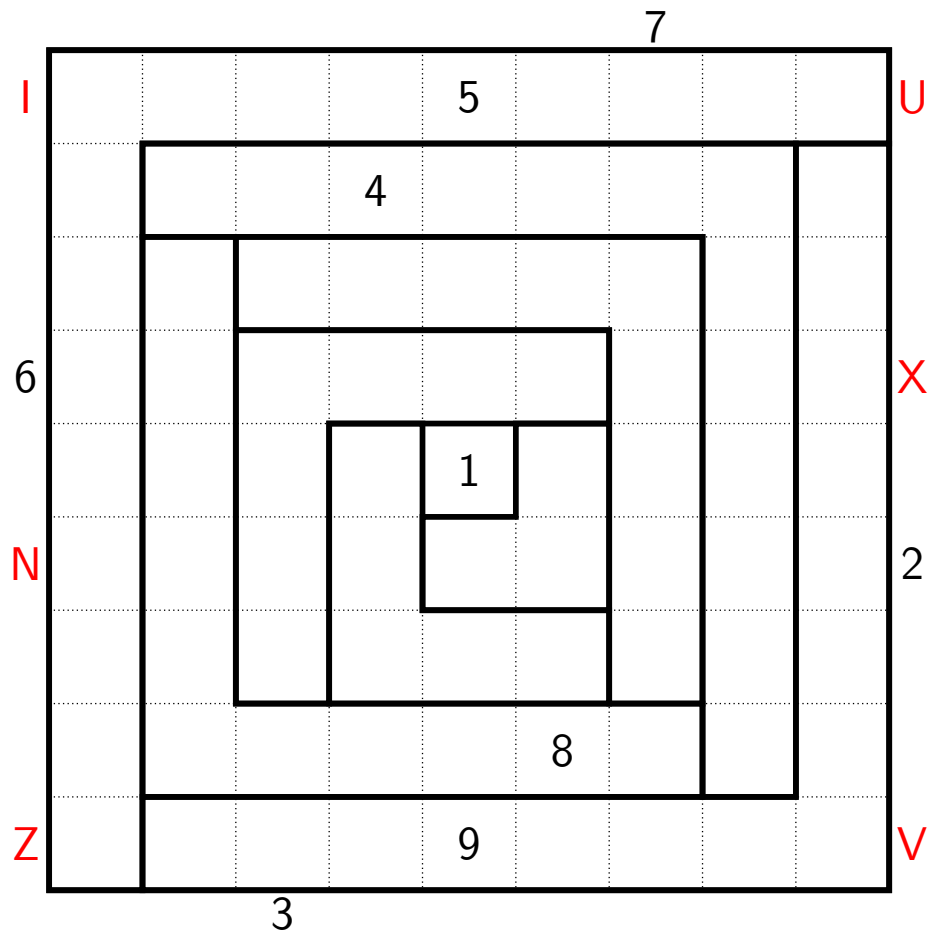
```
{1:1, 2:3, 3:5, 4:7, 5:9, 6:4, 7:[], 8:6, 9:8}
```

digit(s) 7 cannot be assigned to any hook



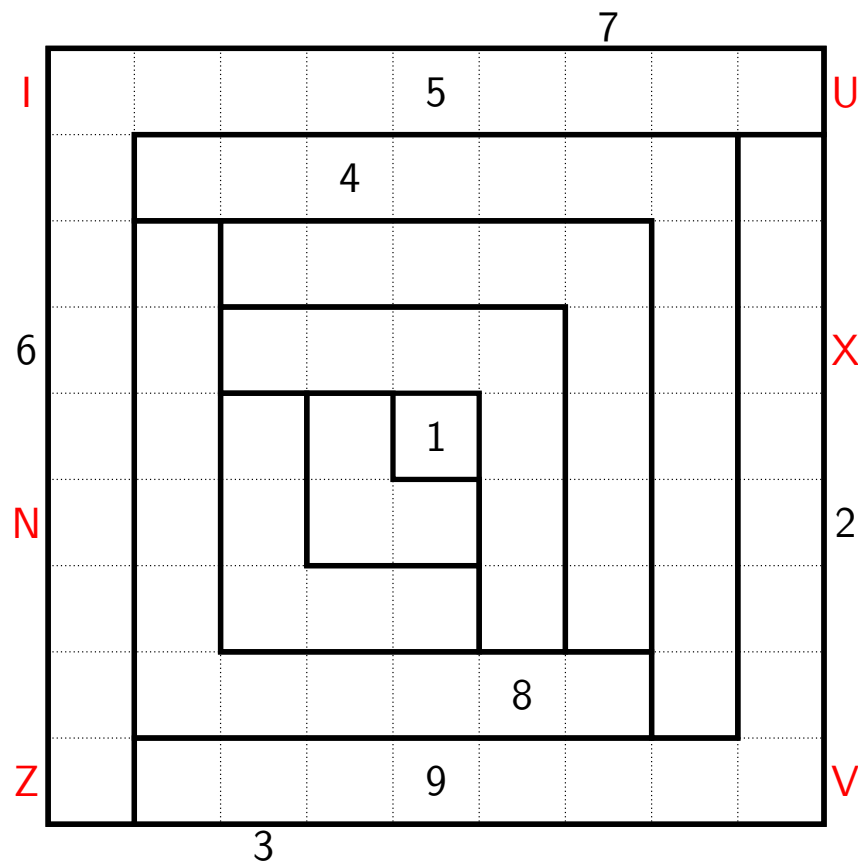
{1:1, 2:[2, 3], 3:4, 4:7, 5:9, 6:4, 7:5, 8:6, 9:8}

digits 3,6 are fighting over hook 4

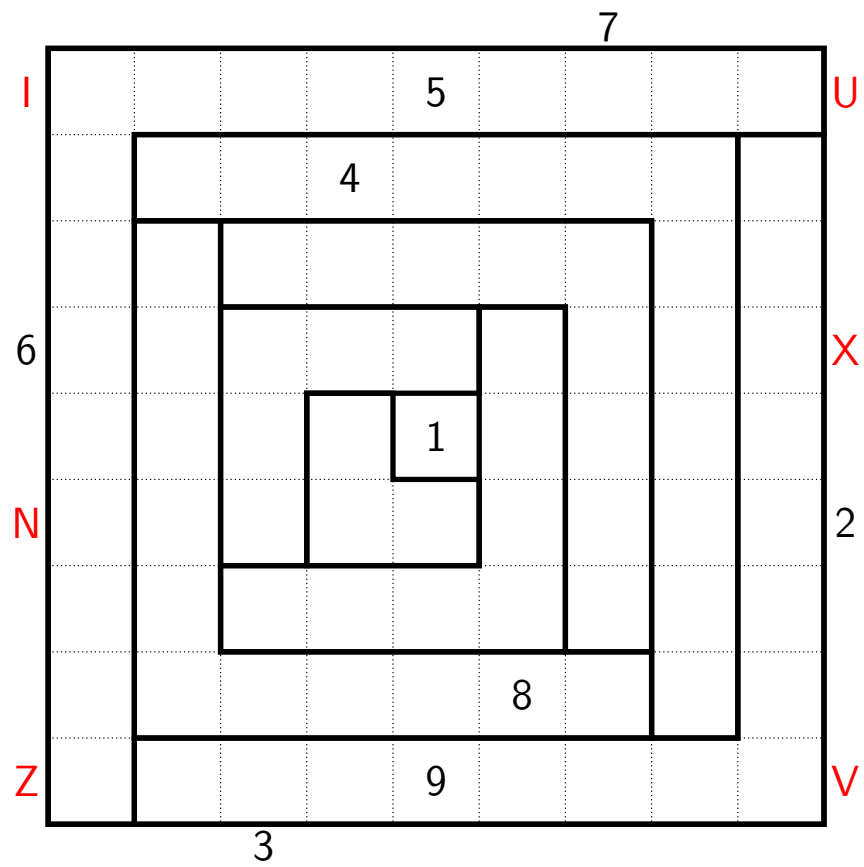


{1:1, 2:[2, 3], 3:4, 4:7, 5:9, 6:4, 7:5, 8:6, 9:8}

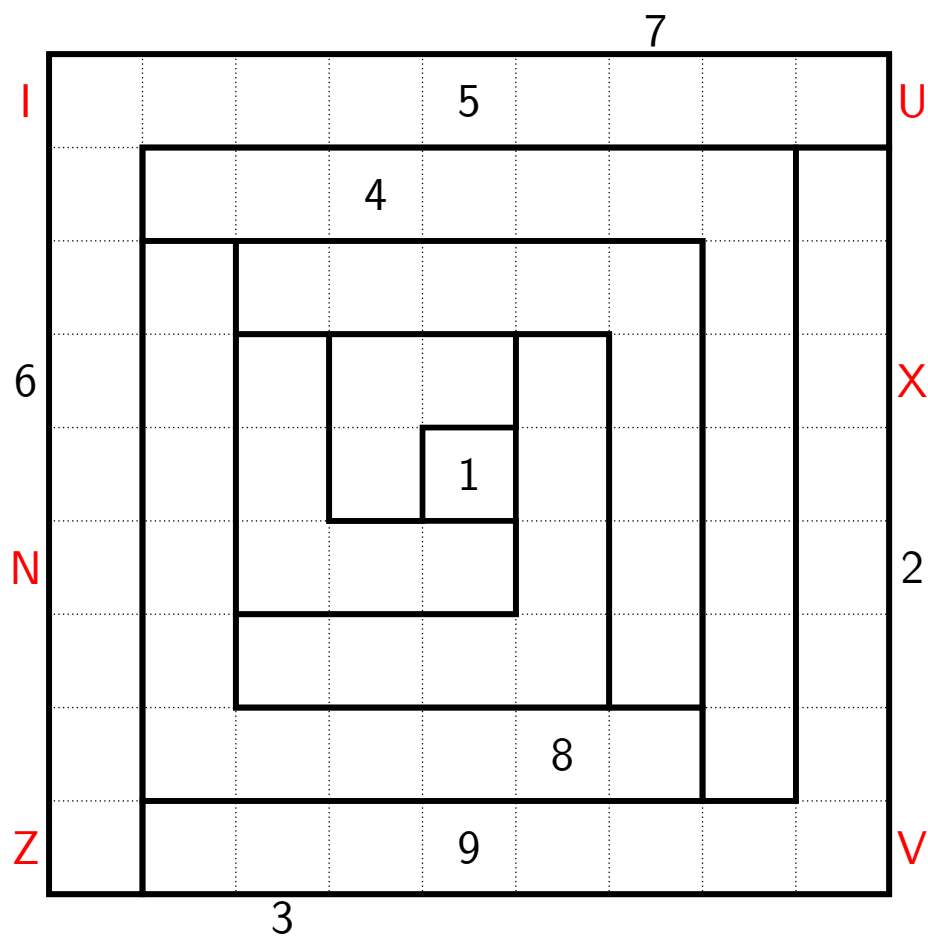
digits 3,6 are fighting over hook 4



—1 : 1, 2 : 2, 3 : 3, 4 : 7, 5 : 9, 6 : 4, 7 : 5, 8 : 6, 9 : 8''

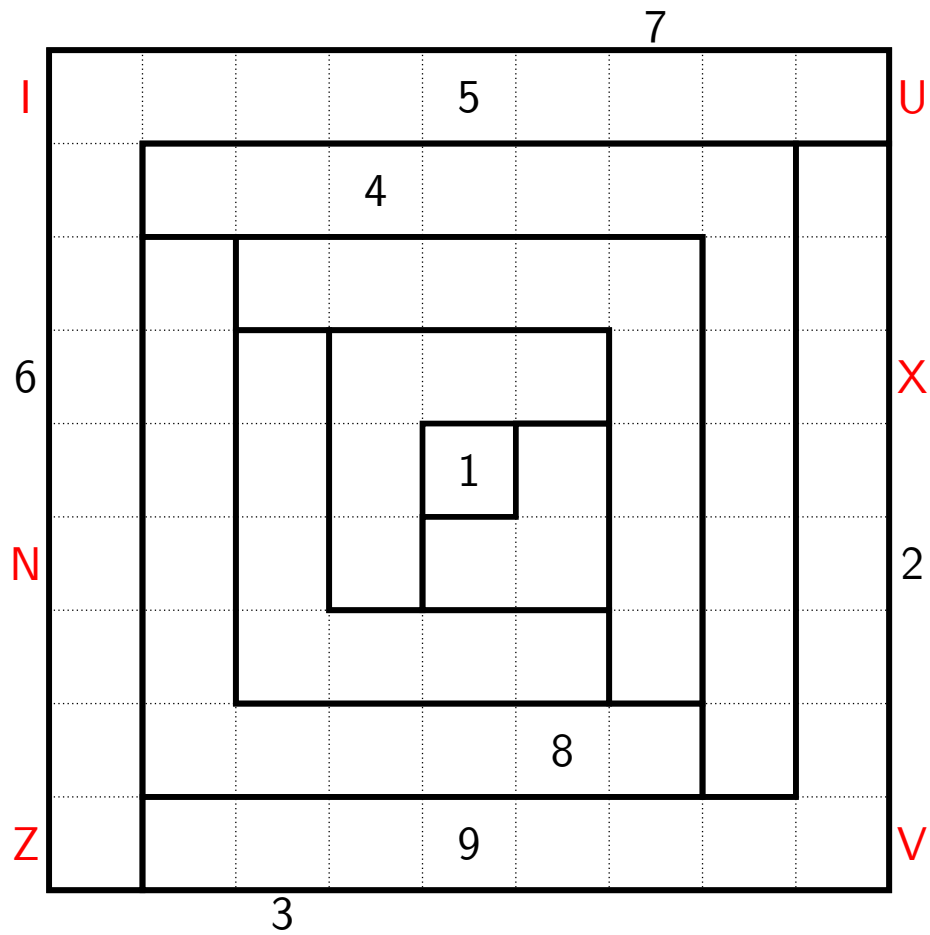


—1 : 1, 2 : 2, 3 : 3, 4 : 7, 5 : 9, 6 : 4, 7 : 5, 8 : 6, 9 : 8''



{1:1, 2:3, 3:3, 4:7, 5:9, 6:4, 7:5, 8:6, 9:8}

digits 2,3 are fighting over hook 3

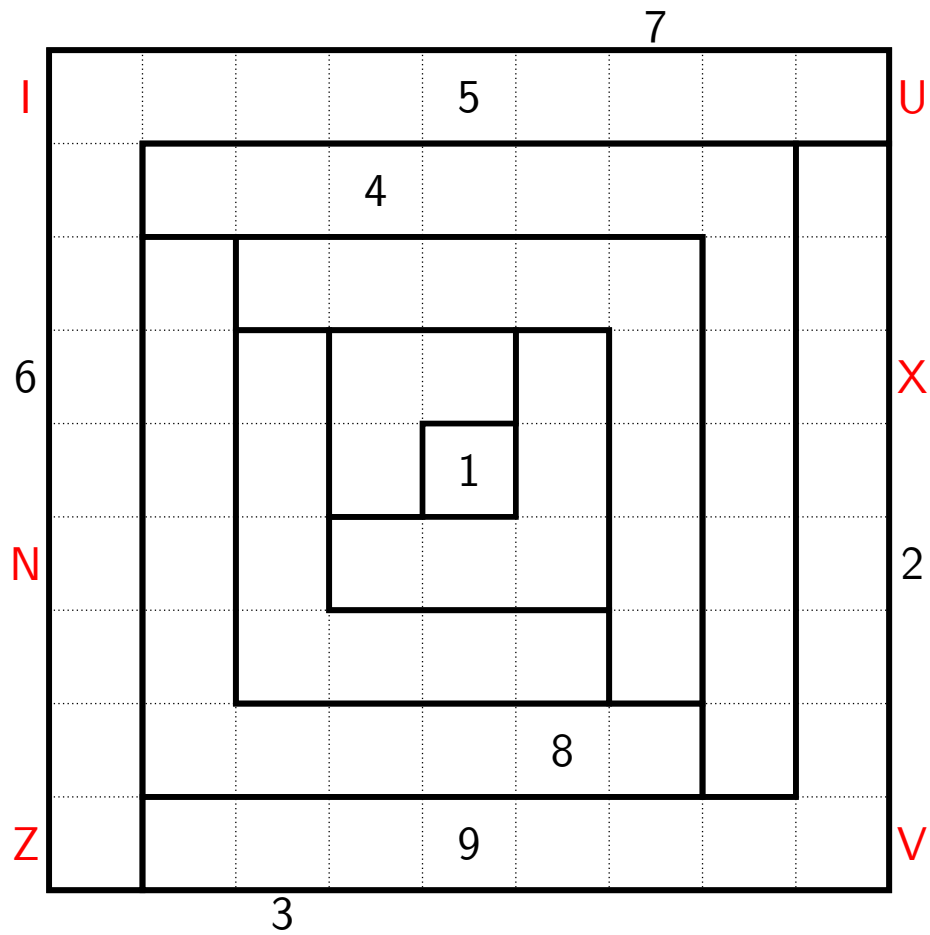


{1:1, 2:[2, 3], 3:4, 4:7, 5:9, 6:4, 7:5, 8:6, 9:8}

digits 3,6 are fighting over hook 4

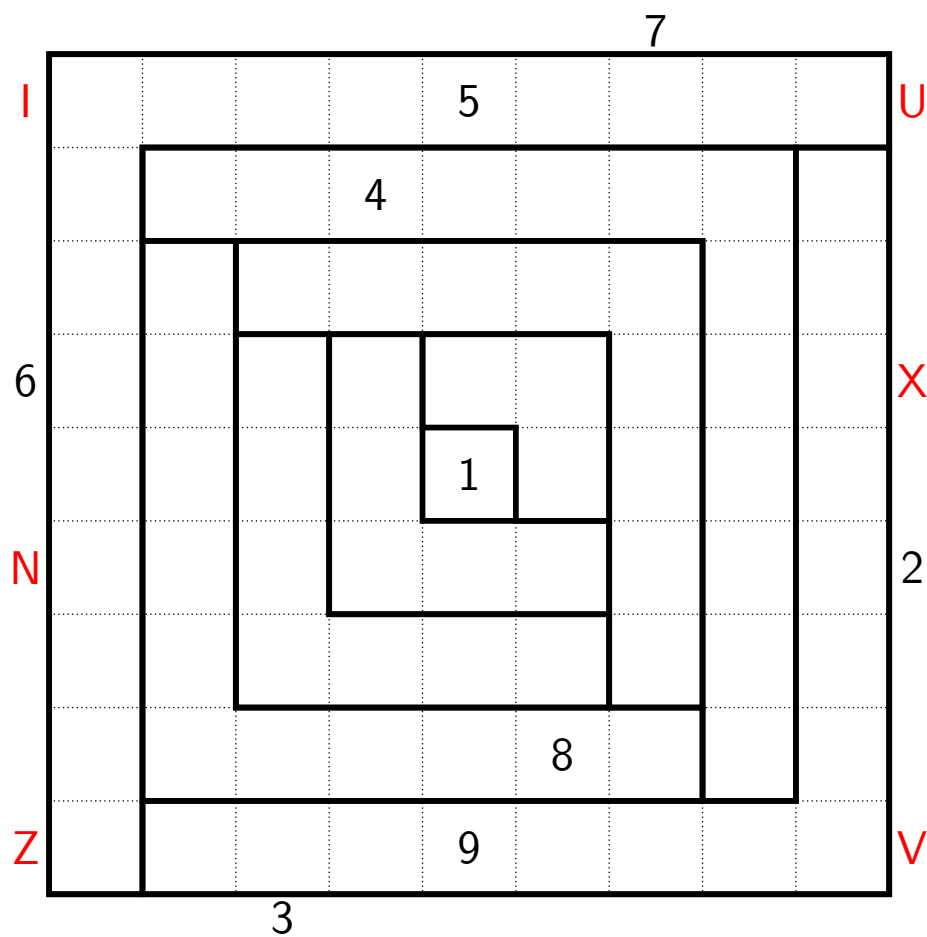


digits 3,6 are fighting over hook 4



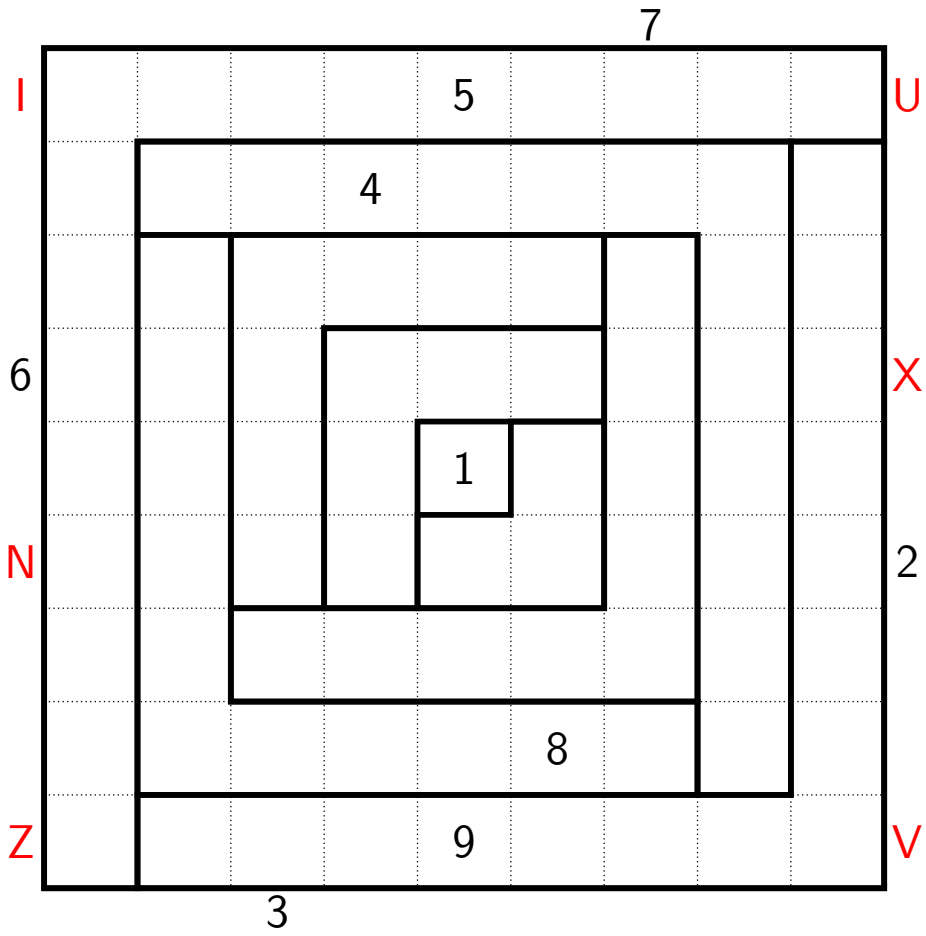
{1:1, 2:3, 3:4, 4:7, 5:9, 6:4, 7:5, 8:6, 9:8}

digits 3,6 are fighting over hook 4



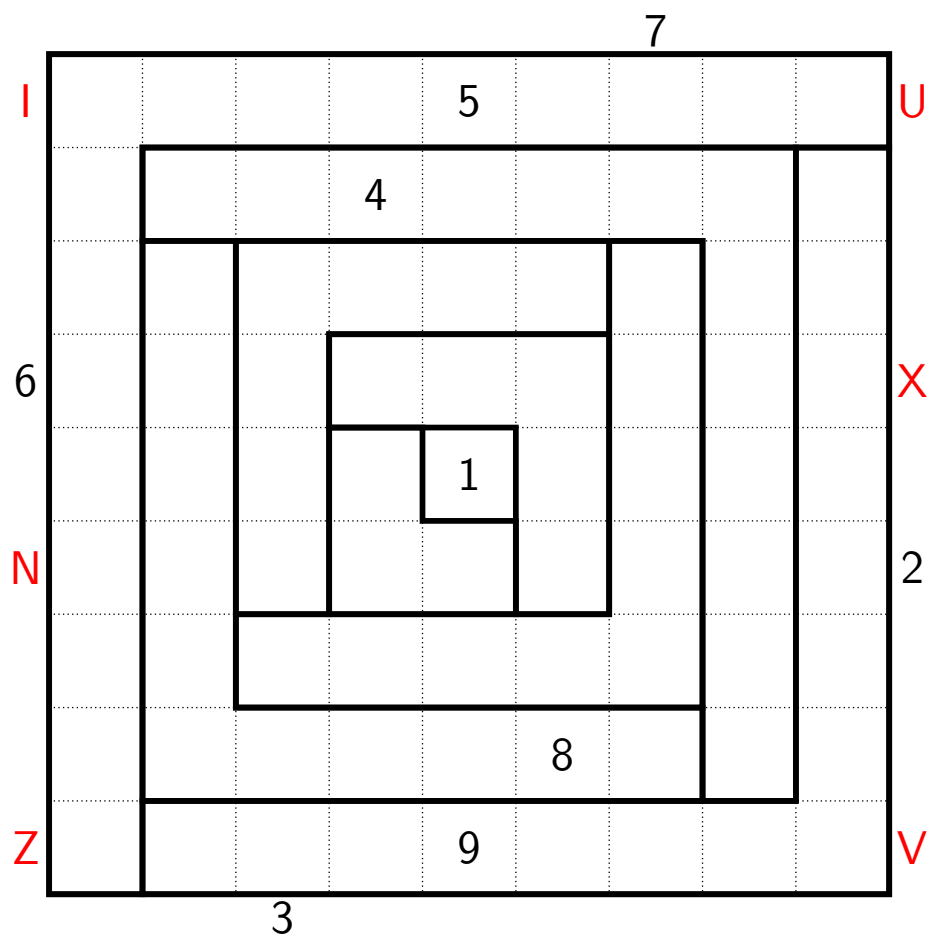
{1:1, 2:3, 3:4, 4:7, 5:9, 6:4, 7:5, 8:6, 9:8}

digits 3,6 are fighting over hook 4



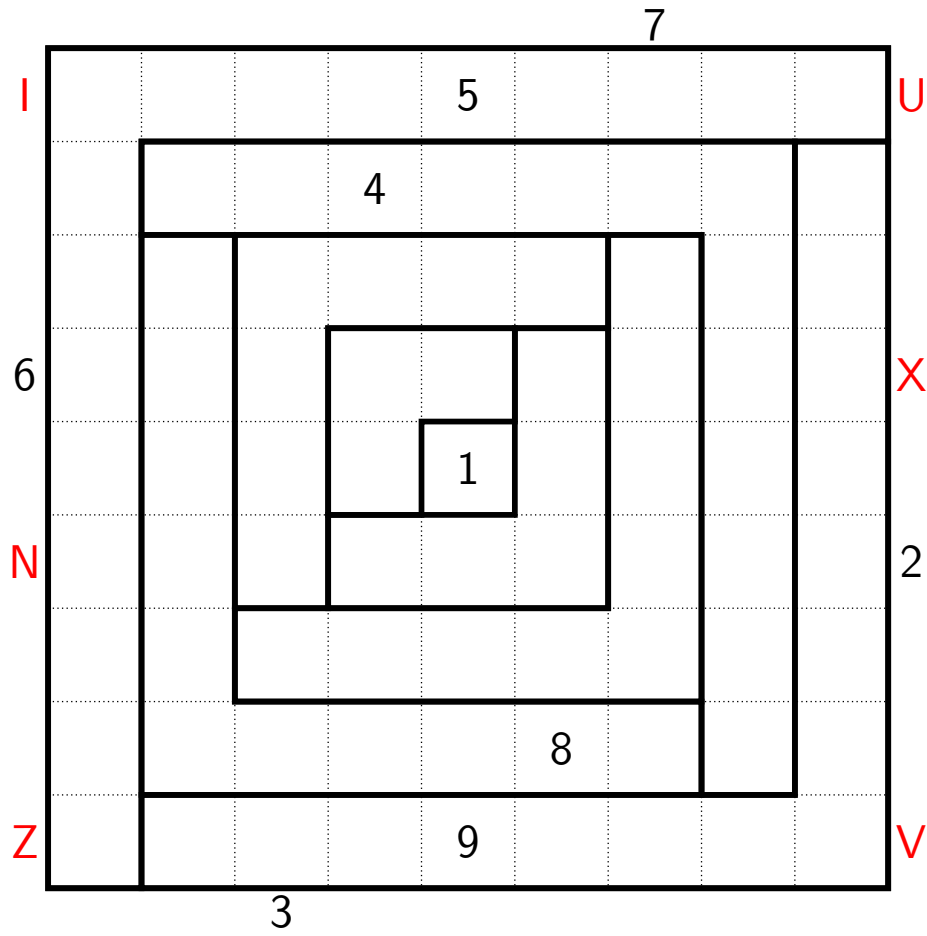
`{1:1, 2:[2, 3], 3:4, 4:7, 5:9, 6:4, 7:5, 8:6, 9:8}`

digits 3,6 are fighting over hook 4

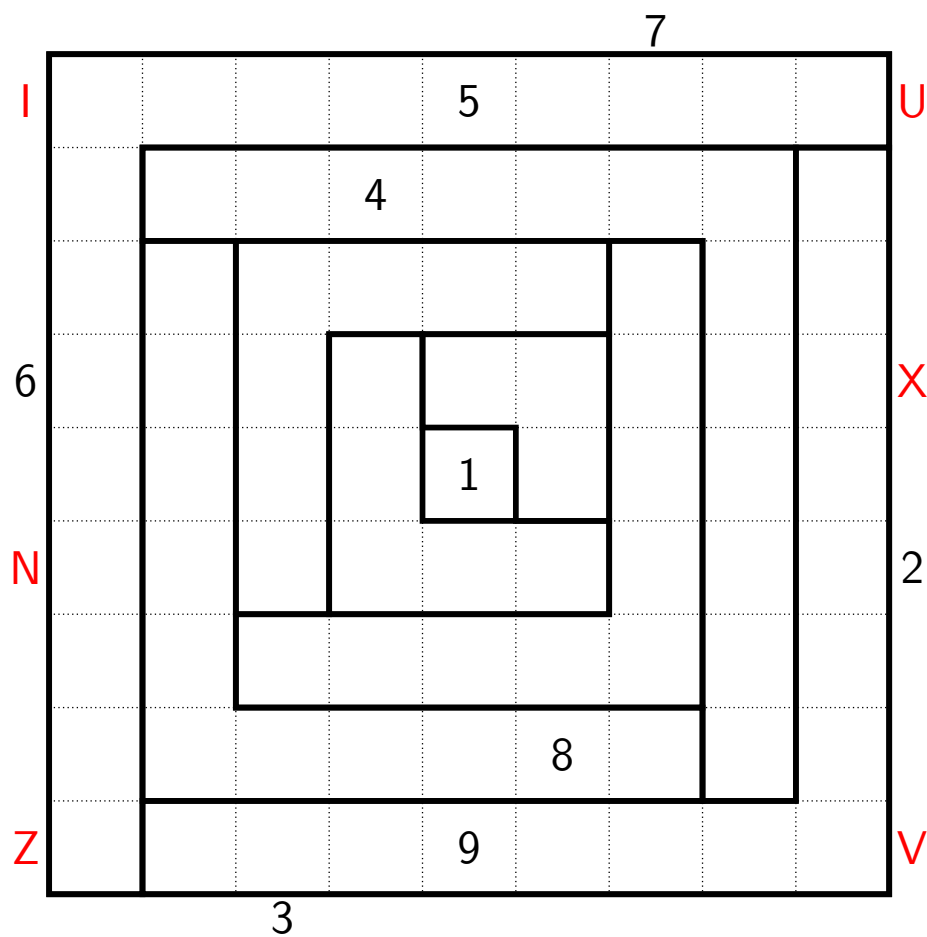


{1:1, 2:[2, 3], 3:4, 4:7, 5:9, 6:4, 7:5, 8:6, 9:8}

digits 3,6 are fighting over hook 4

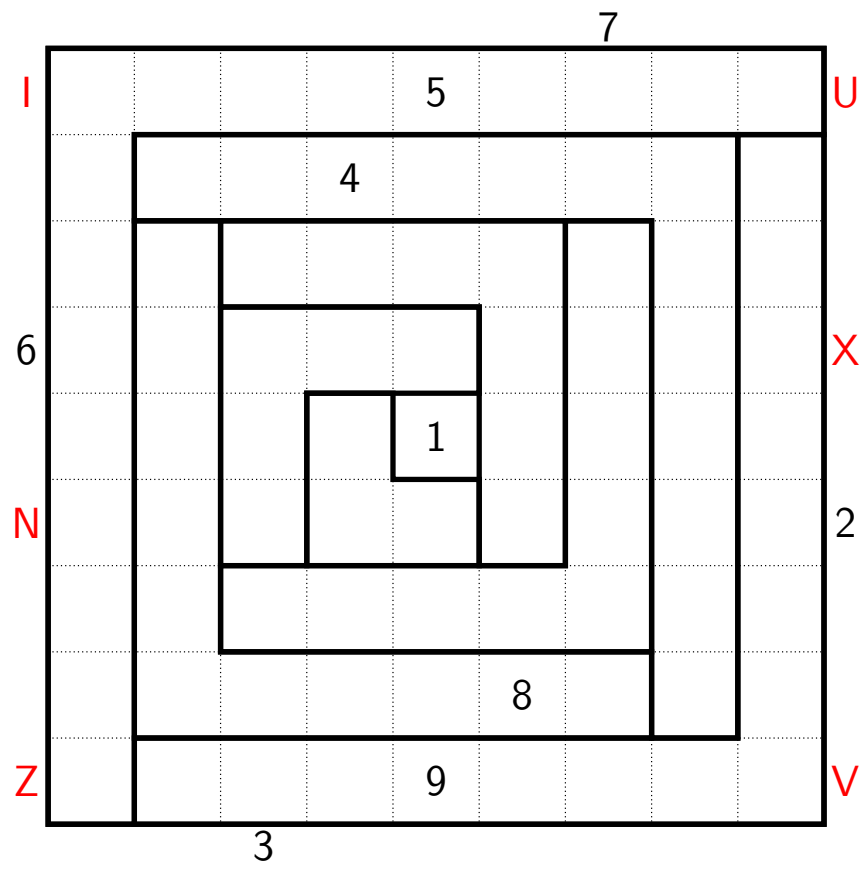

$$\{1:1, 2:3, 3:4, 4:7, 5:9, 6:4, 7:5, 8:6, 9:8\}$$

digits 3,6 are fighting over hook 4



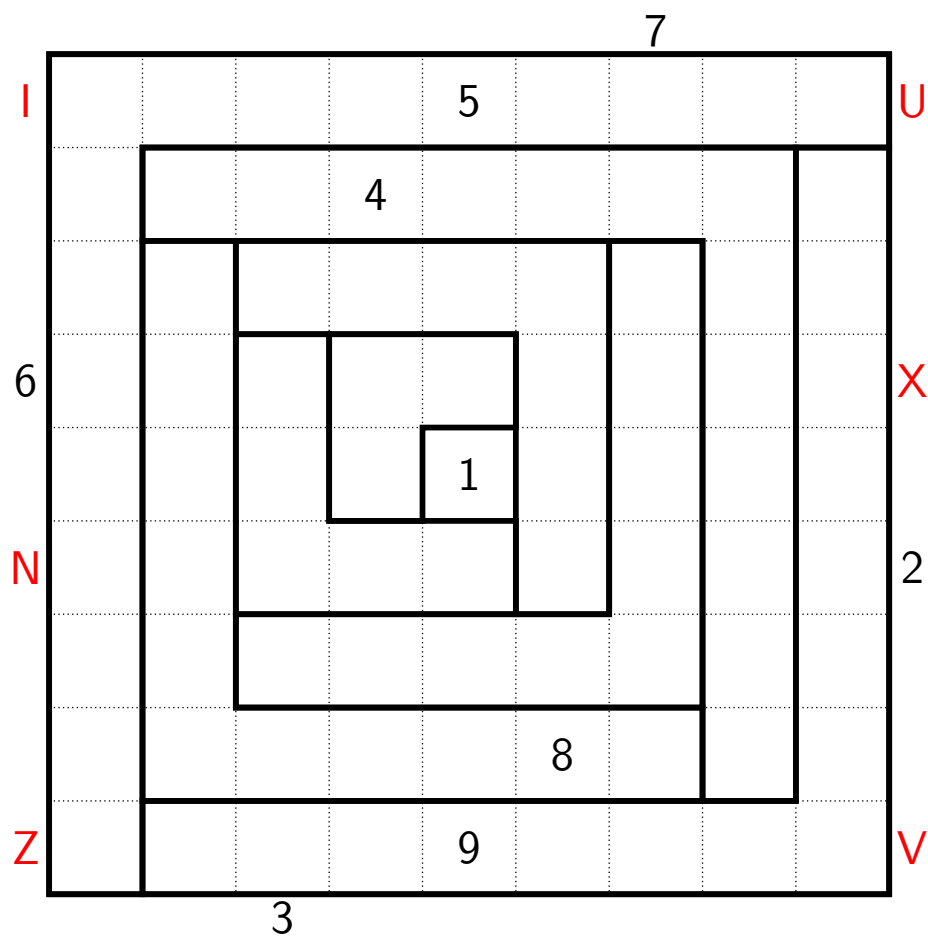
{1:1, 2:3, 3:4, 4:7, 5:9, 6:4, 7:5, 8:6, 9:8}

digits 3,6 are fighting over hook 4



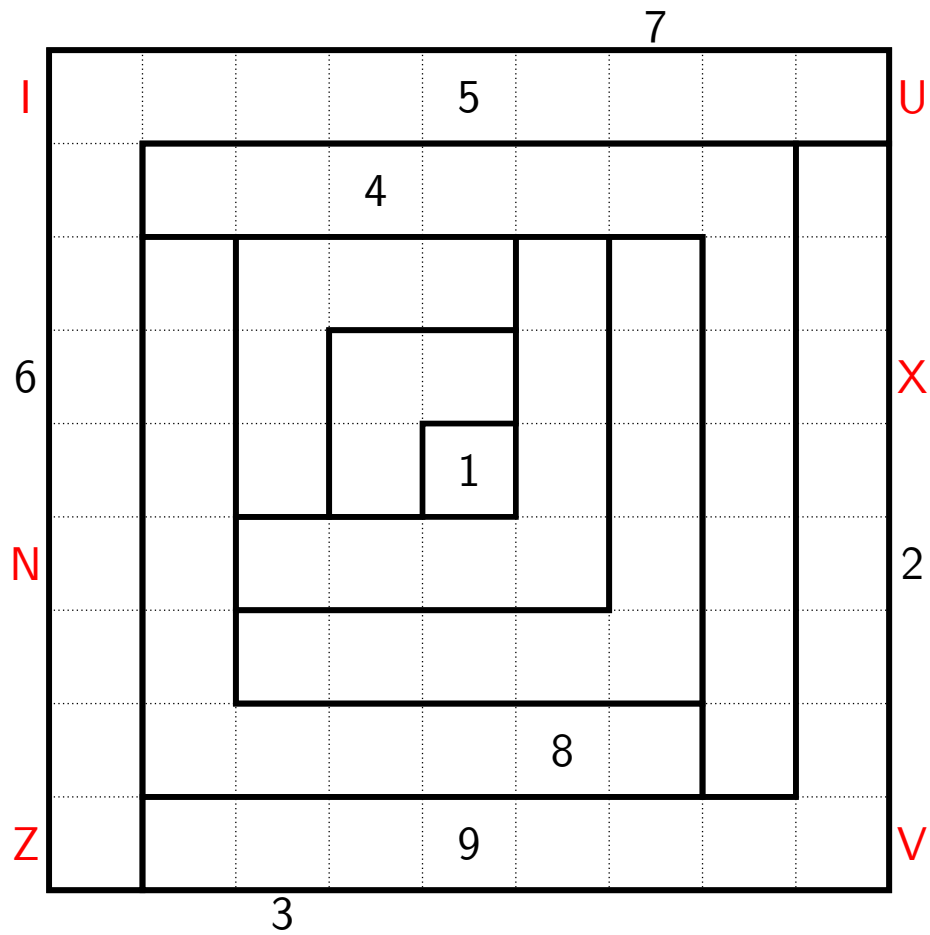
—1 : 1, 2 : 2, 3 : 3, 4 : 7, 5 : 9, 6 : 4, 7 : 5, 8 : 6, 9 : 8''





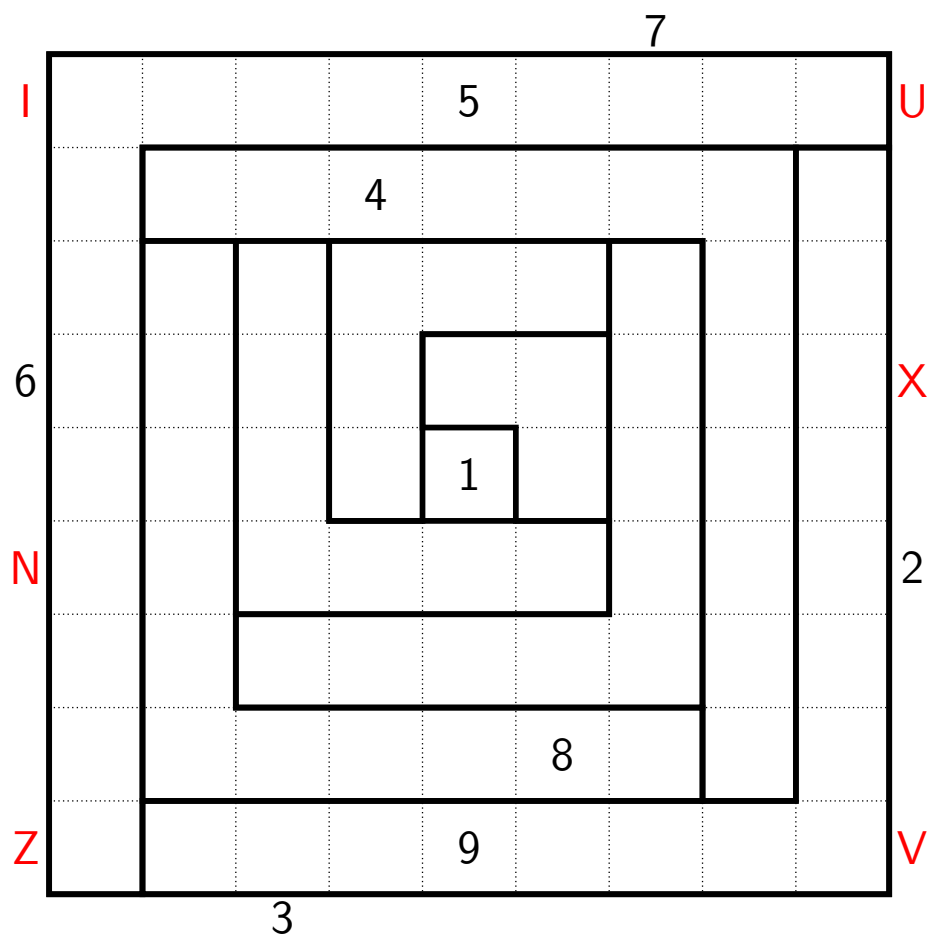
{1:1, 2:3, 3:3, 4:7, 5:9, 6:4, 7:5, 8:6, 9:8}

digits 2,3 are fighting over hook 3



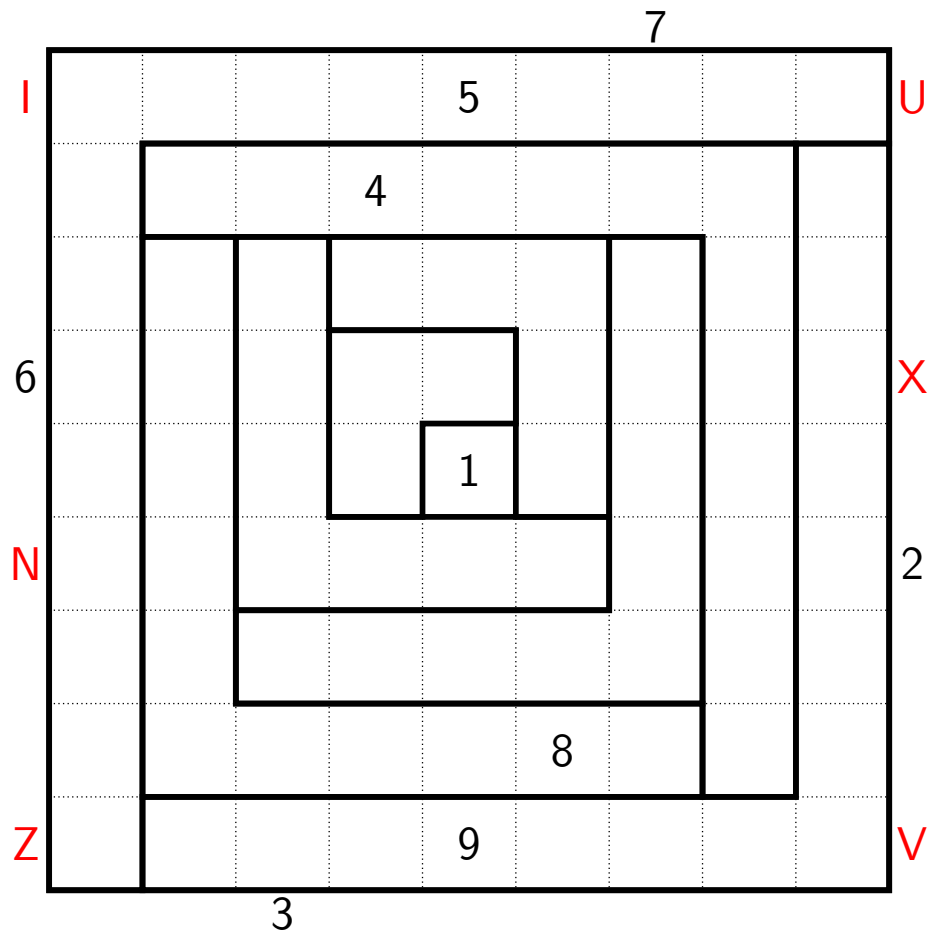
{1:1, 2:4, 3:3, 4:7, 5:9, 6:4, 7:5, 8:6, 9:8}

digits 2,6 are fighting over hook 4



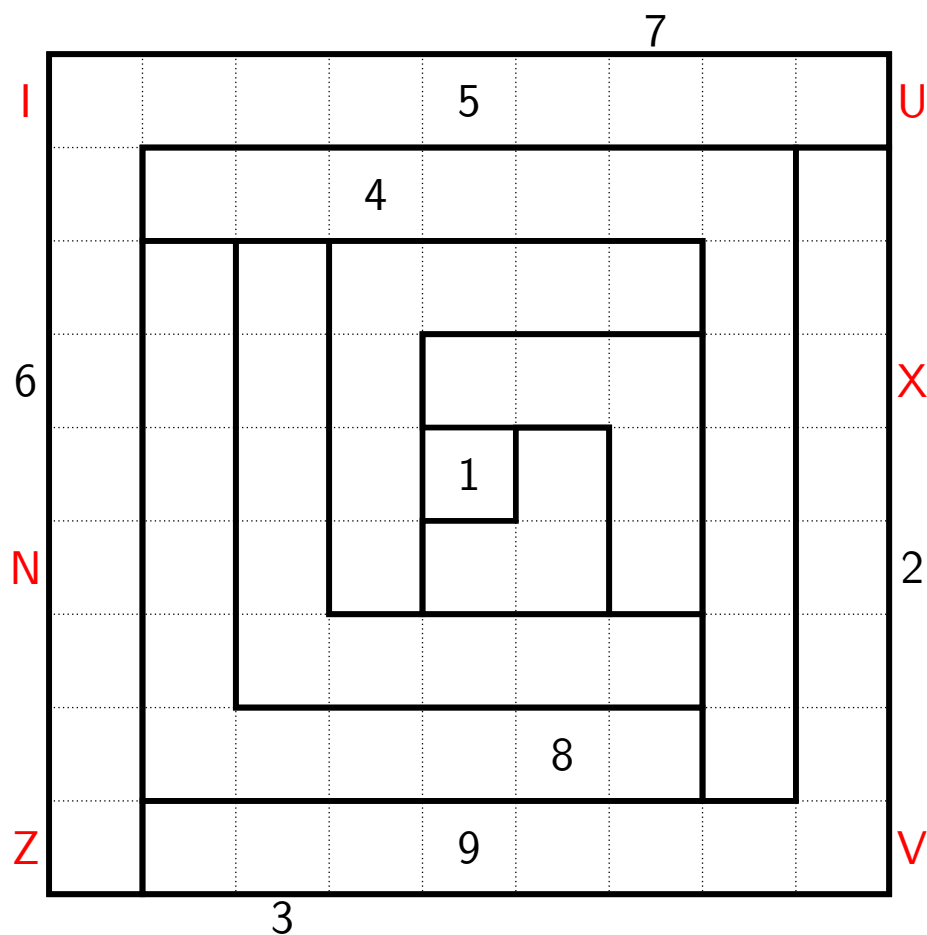
{1:1, 2:4, 3:4, 4:7, 5:9, 6:4, 7:5, 8:6, 9:8}

digits 2,3,6 are fighting over hook 4



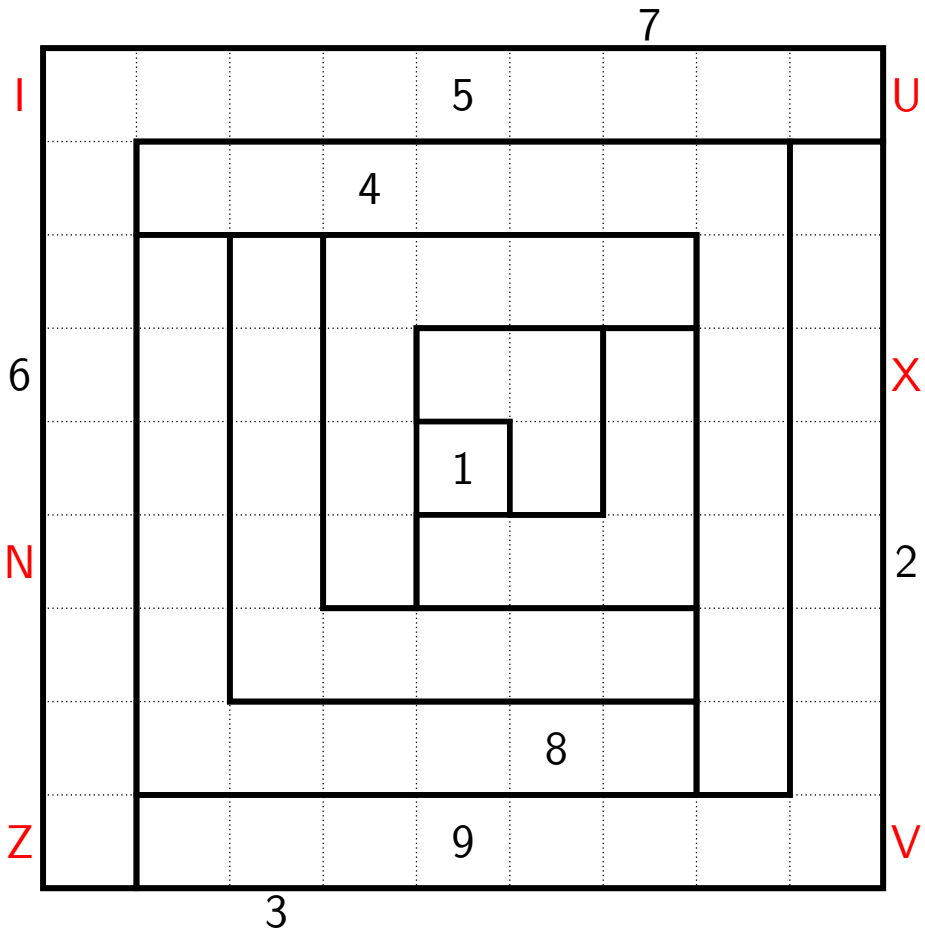
{1:1, 2:4, 3:4, 4:7, 5:9, 6:4, 7:5, 8:6, 9:8}

digits 2,3,6 are fighting over hook 4



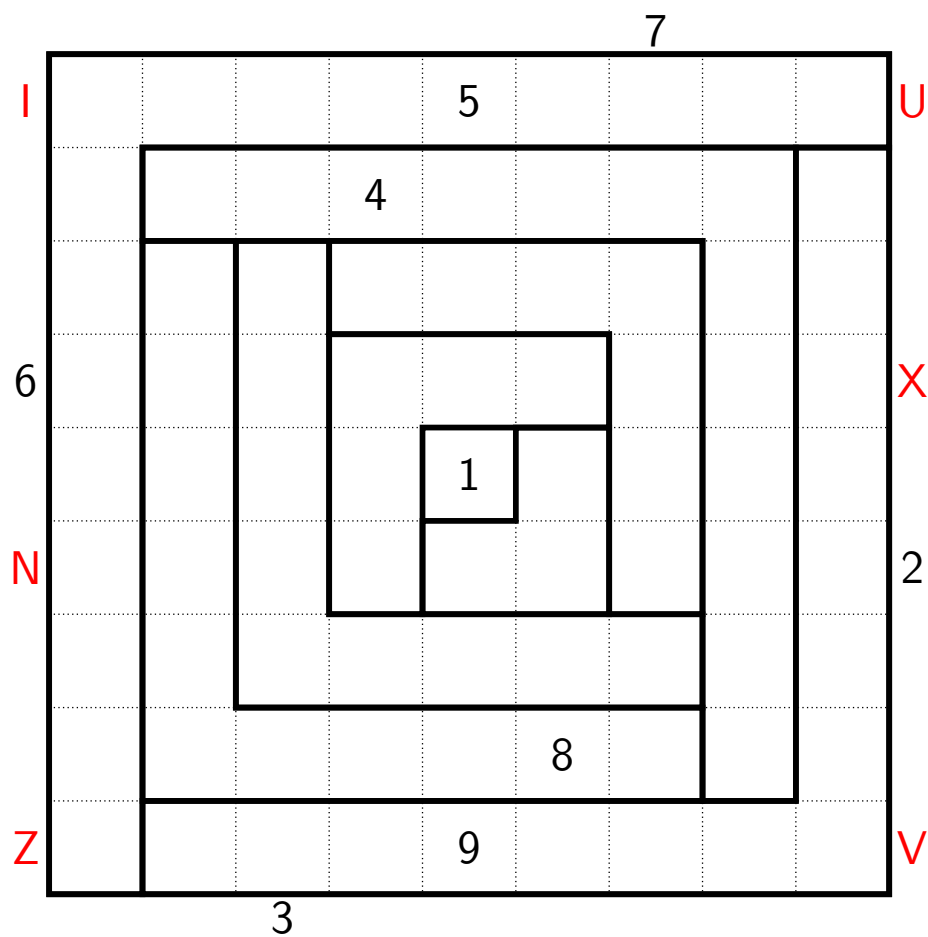
{1:1, 2:[2, 3], 3:5, 4:7, 5:9, 6:4, 7:[], 8:6, 9:8}

digit(s) 7 cannot be assigned to any hook



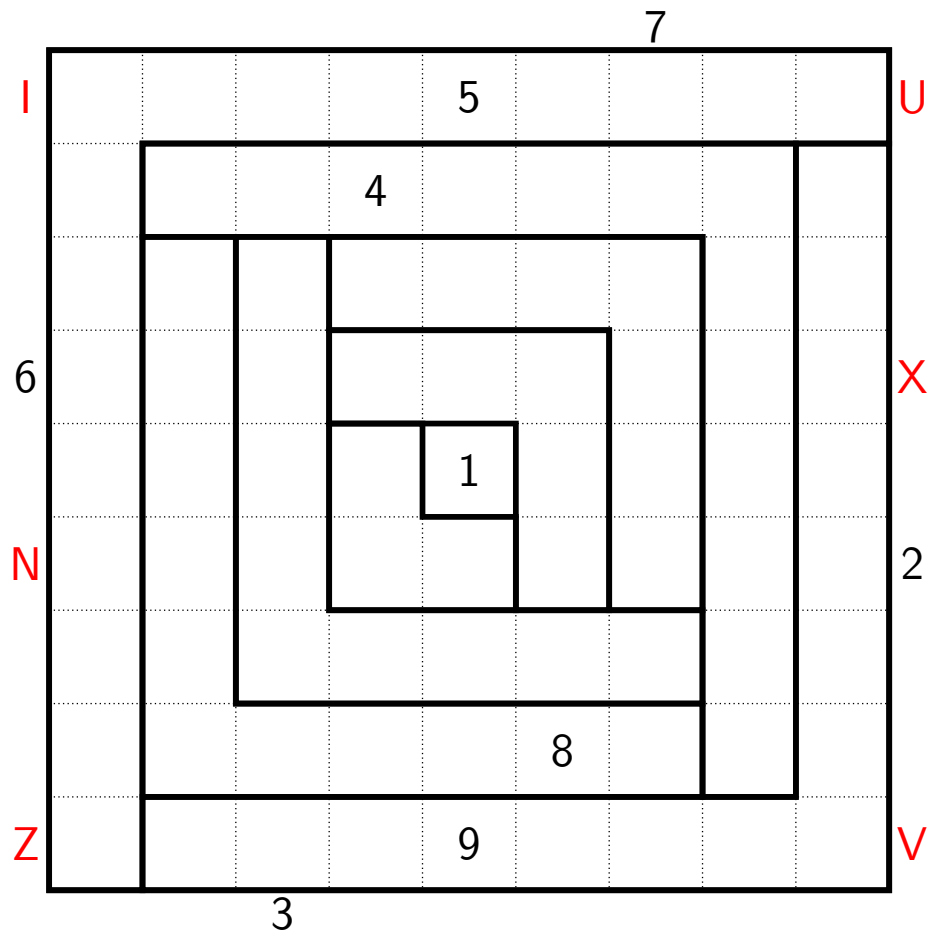
```
{1:1, 2:3, 3:5, 4:7, 5:9, 6:4, 7:[], 8:6, 9:8}
```

```
digit(s) 7 cannot be assigned to any hook
```



{1:1, 2:[2, 3], 3:5, 4:7, 5:9, 6:4, 7:[], 8:6, 9:8}

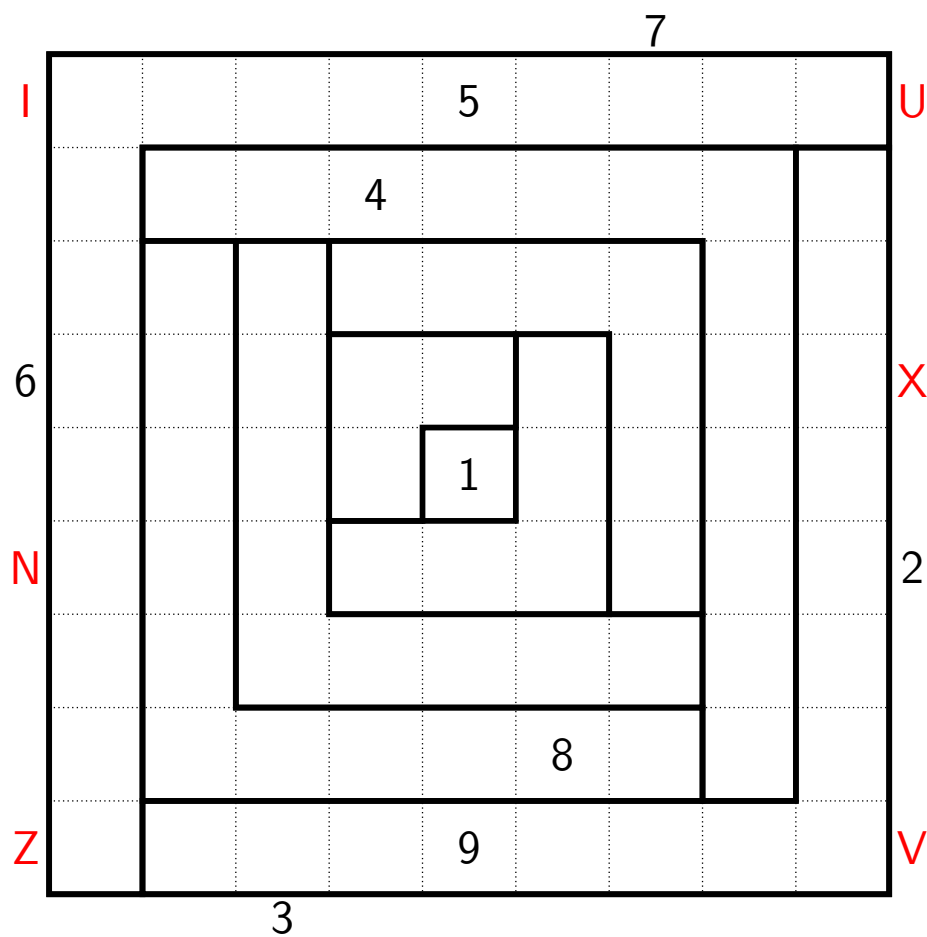
digit(s) 7 cannot be assigned to any hook



{1:1, 2:[2, 3], 3:5, 4:7, 5:9, 6:4, 7:[], 8:6, 9:8}

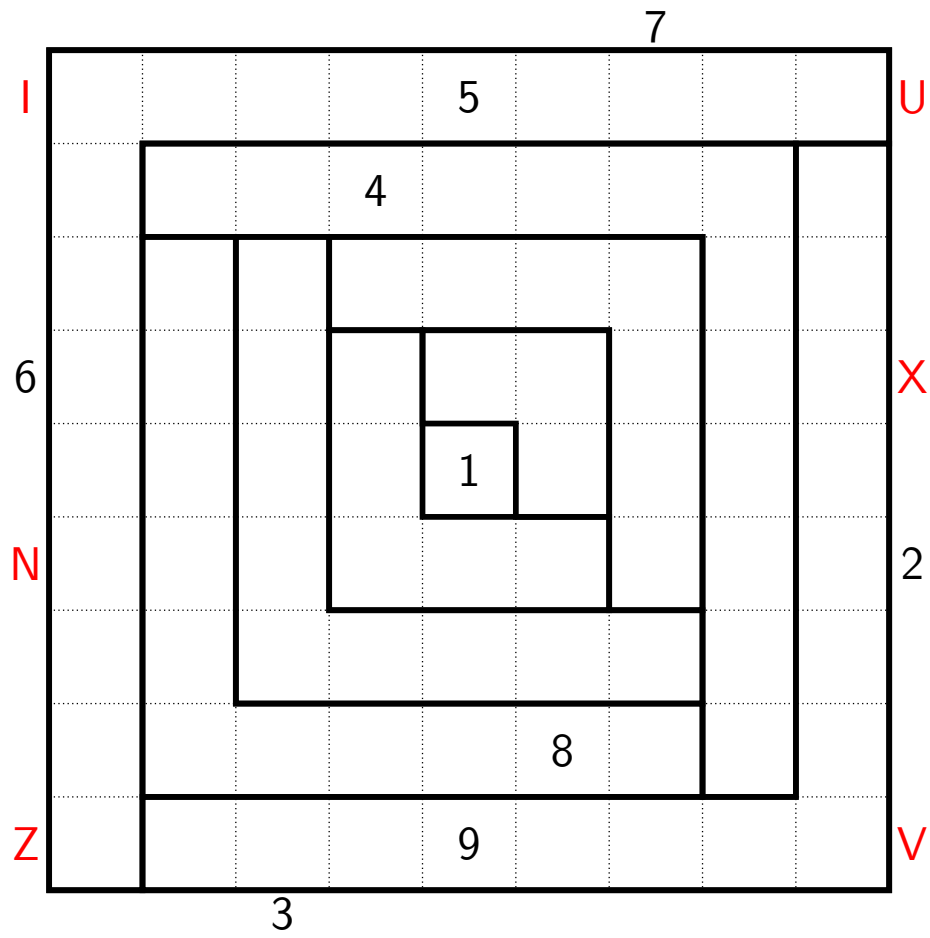
digit(s) 7 cannot be assigned to any hook





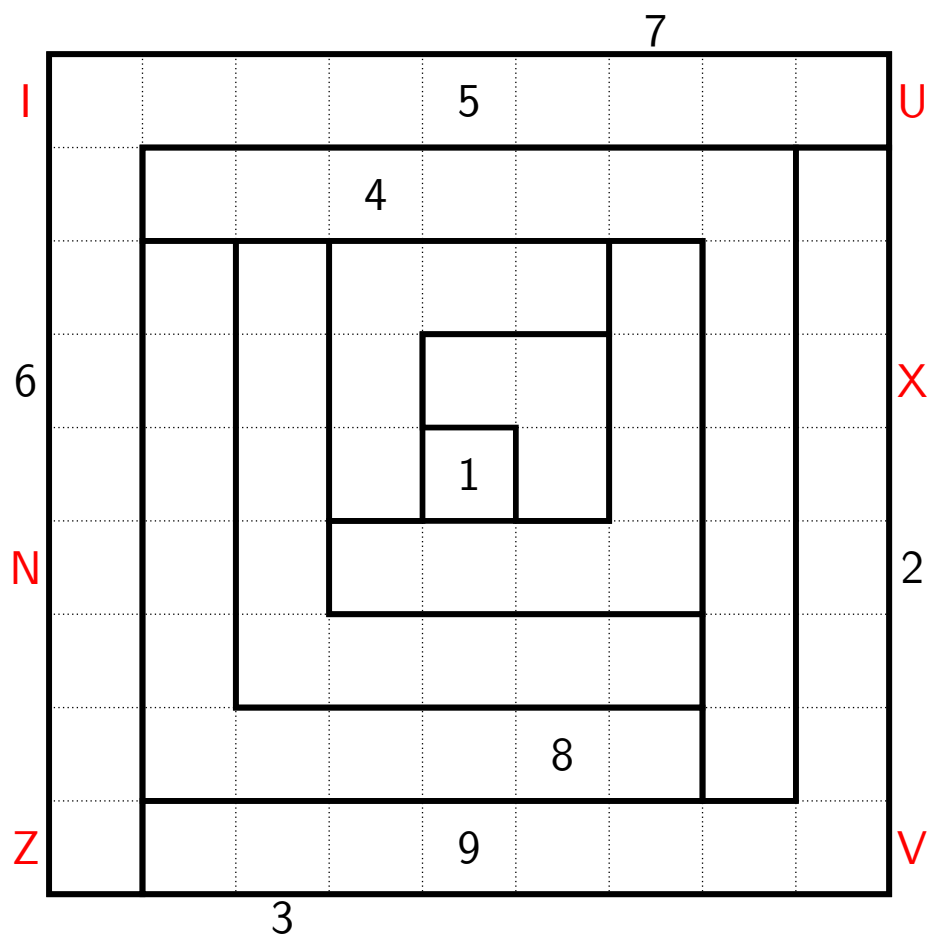
{1:1, 2:3, 3:5, 4:7, 5:9, 6:4, 7:[], 8:6, 9:8}

digit(s) 7 cannot be assigned to any hook



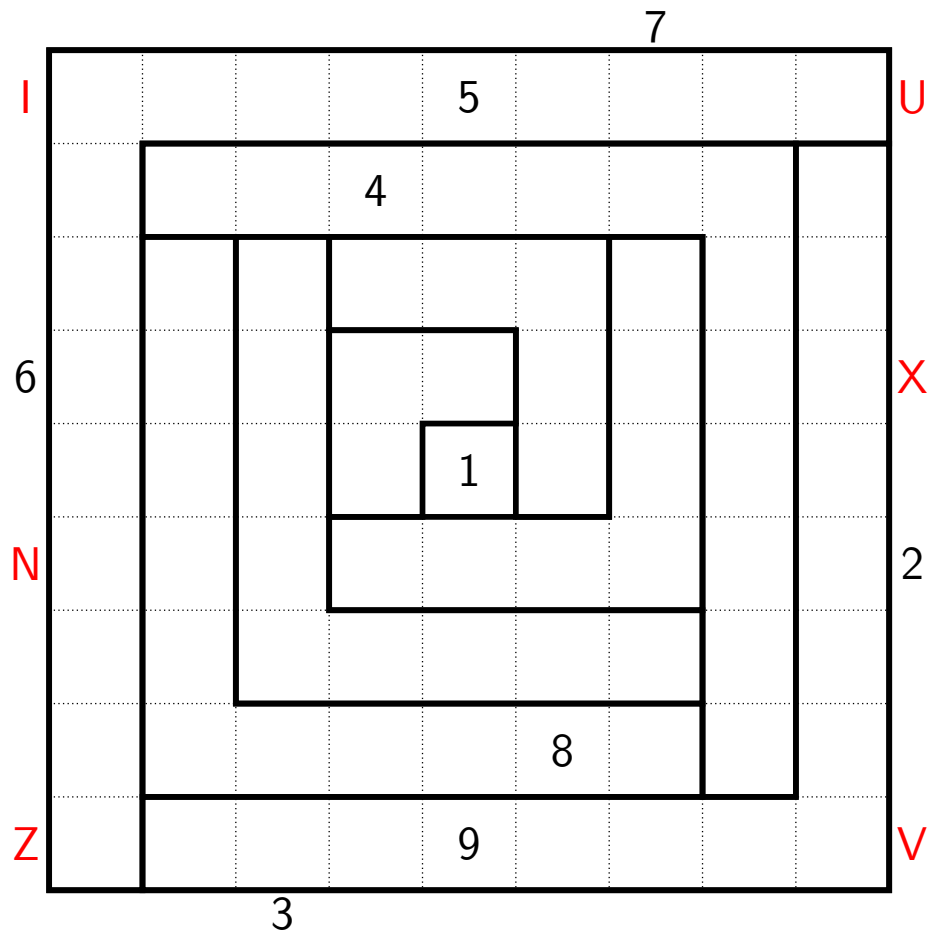
{1:1, 2:3, 3:5, 4:7, 5:9, 6:4, 7:[], 8:6, 9:8}

digit(s) 7 cannot be assigned to any hook



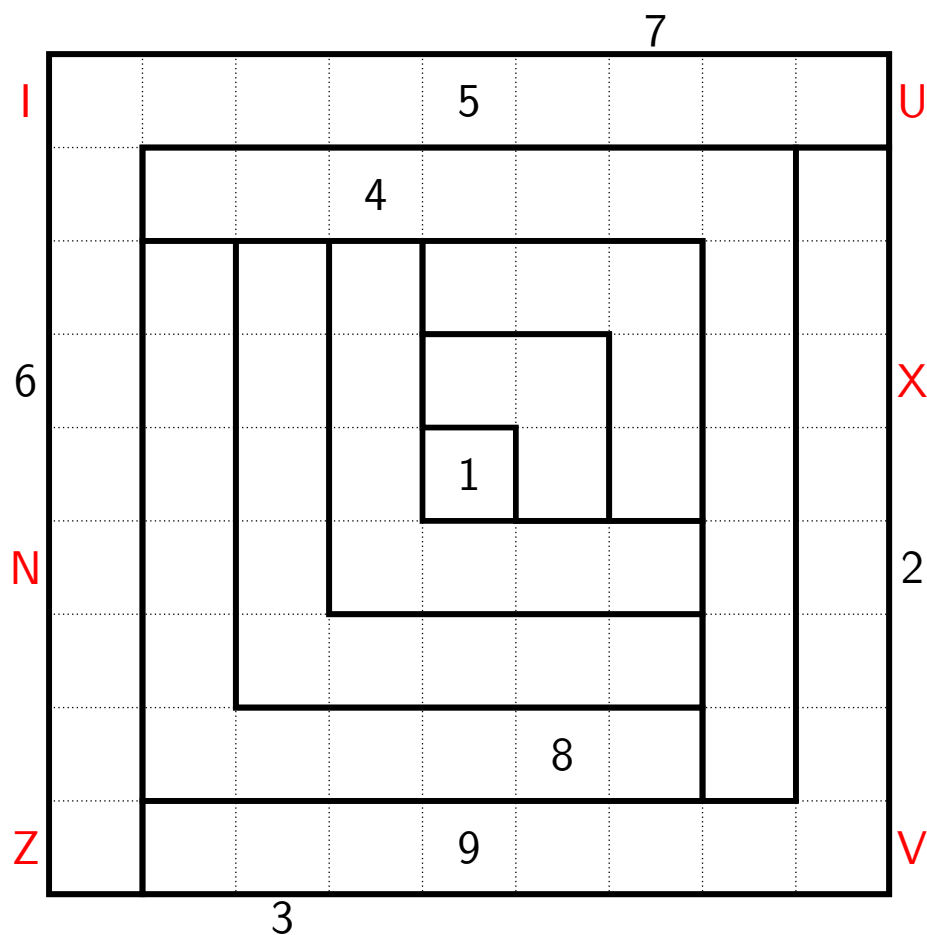
{1:1, 2:5, 3:5, 4:7, 5:9, 6:4, 7:[], 8:6, 9:8}

digits 2,3 are fighting over hook 5



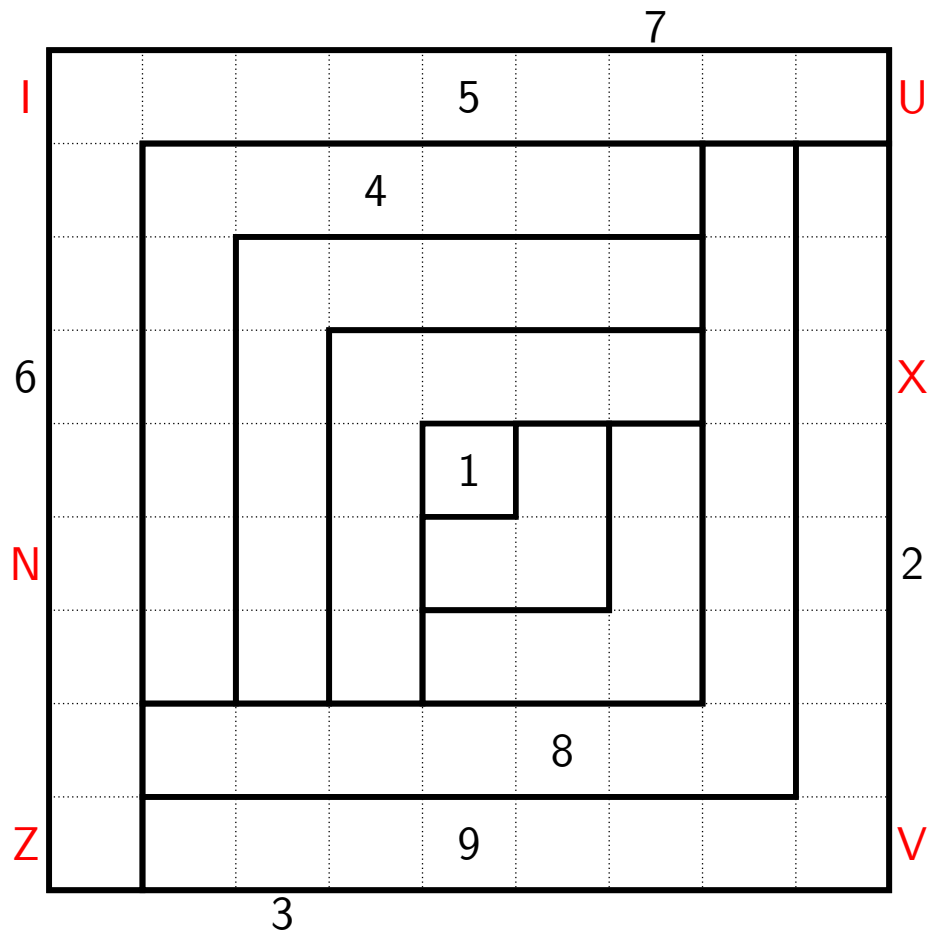
{1:1, 2:5, 3:5, 4:7, 5:9, 6:4, 7:[], 8:6, 9:8}

digits 2,3 are fighting over hook 5



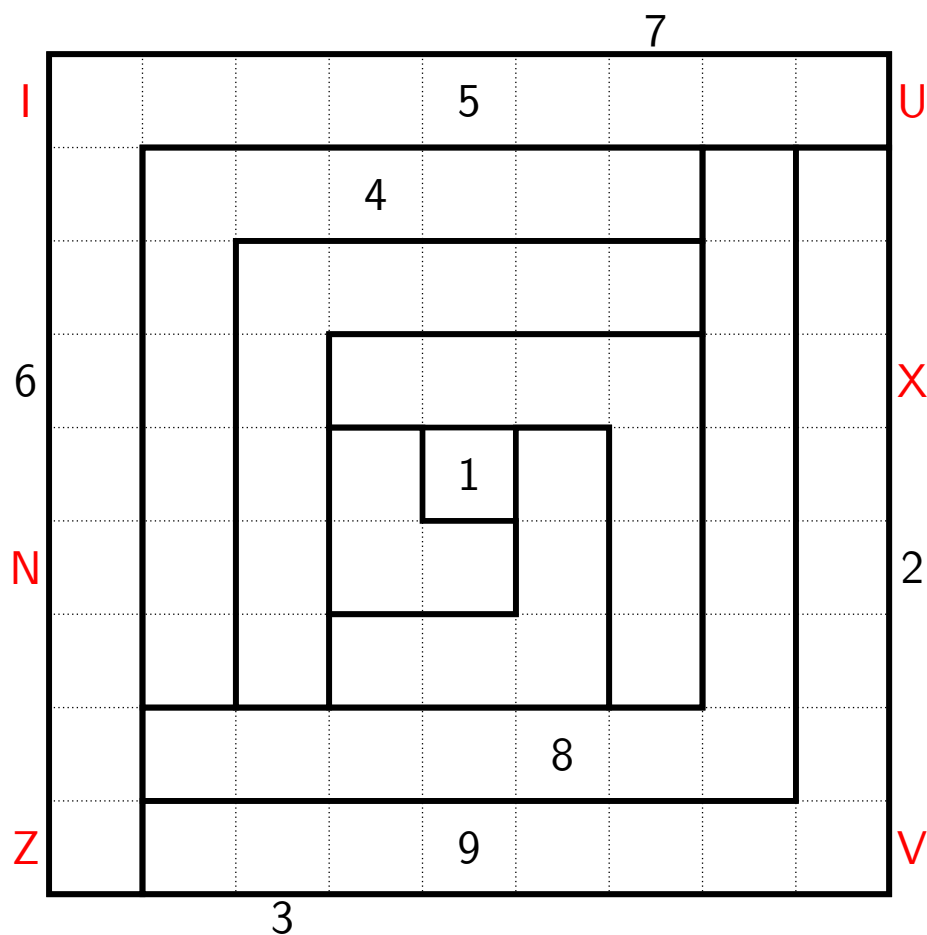
{1:1, 2:5, 3:5, 4:7, 5:9, 6:4, 7:[], 8:6, 9:8}

digits 2,3 are fighting over hook 5



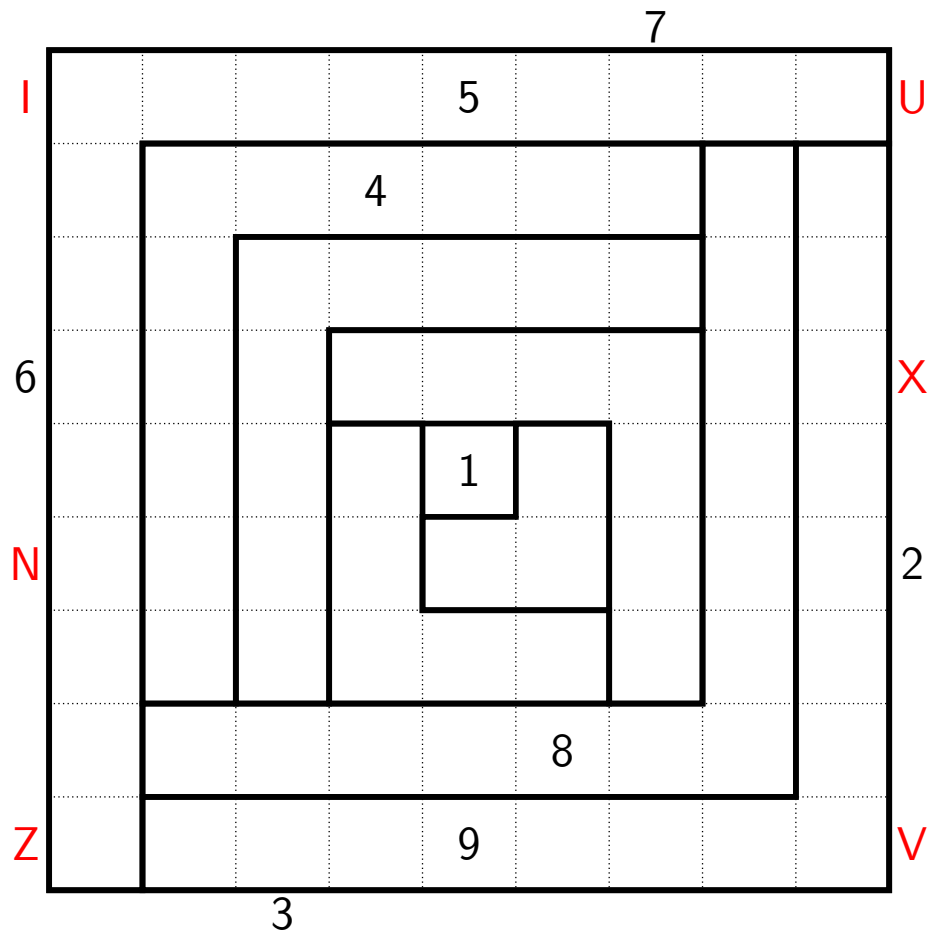
{1:1, 2:[2, 3], 3:5, 4:6, 5:9, 6:4, 7:[], 8:7, 9:8}

digit(s) 7 cannot be assigned to any hook



{1:1, 2:[2, 3], 3:5, 4:6, 5:9, 6:4, 7:[], 8:7, 9:8}

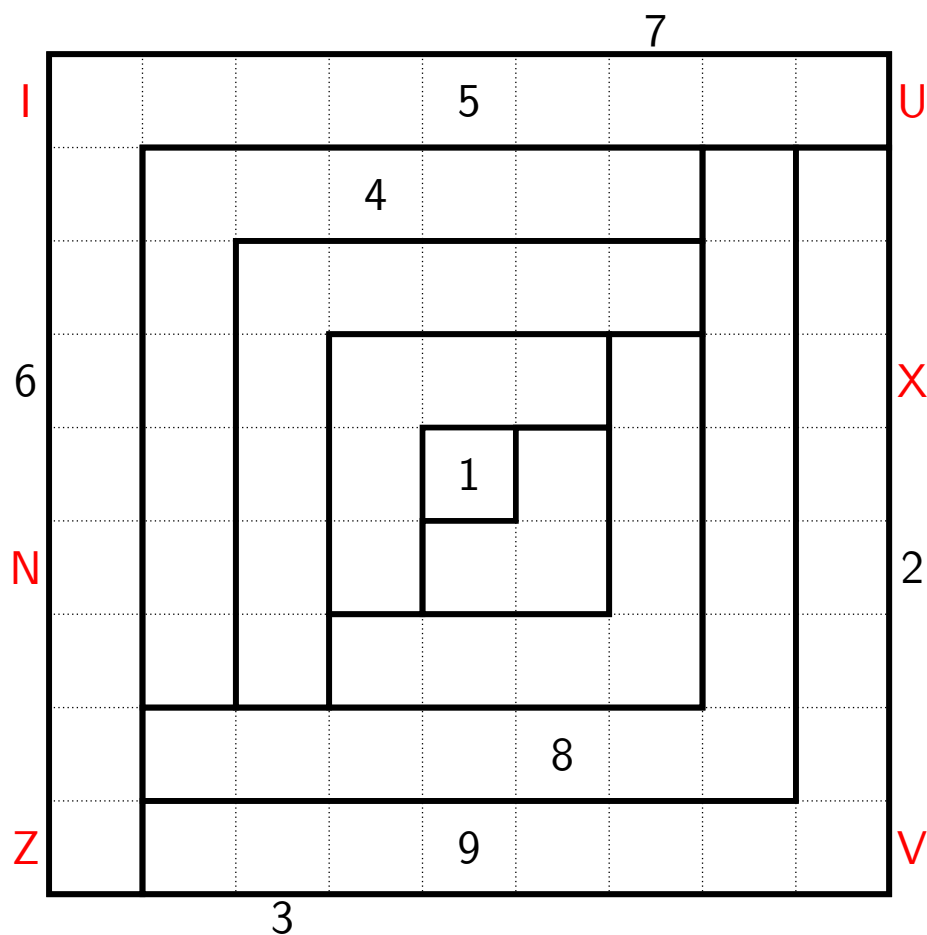
digit(s) 7 cannot be assigned to any hook



{1:1, 2:[2, 3], 3:5, 4:6, 5:9, 6:4, 7:[], 8:7, 9:8}

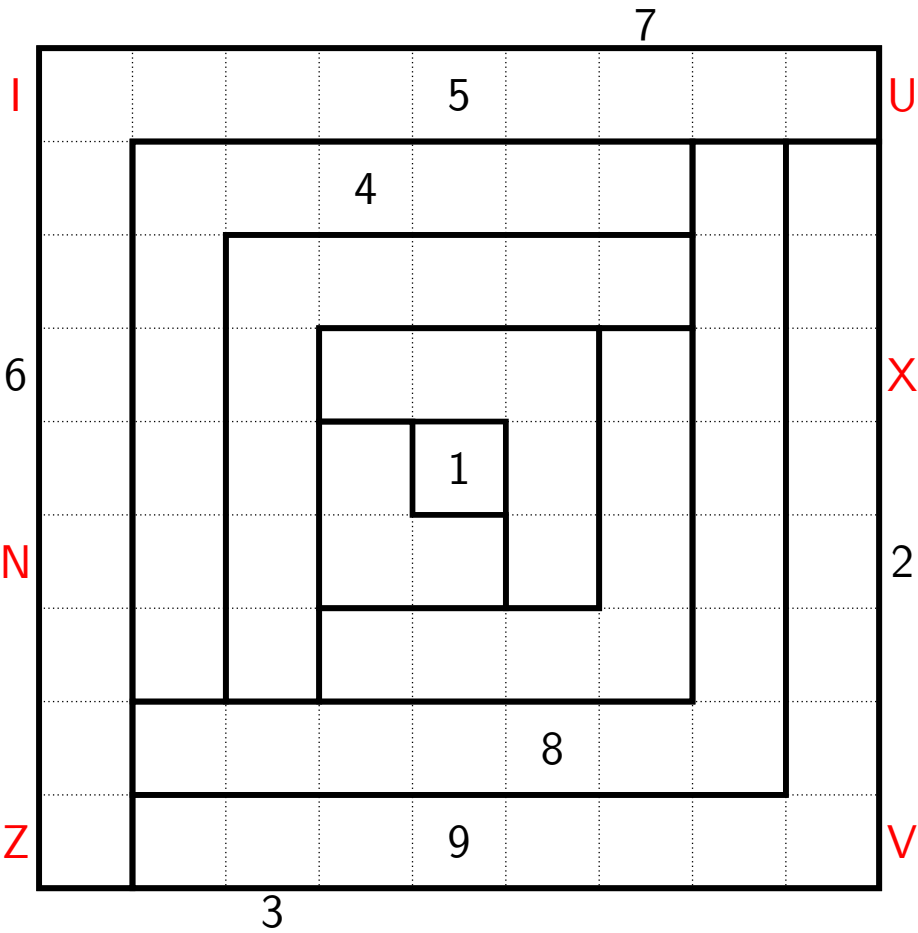
digit(s) 7 cannot be assigned to any hook





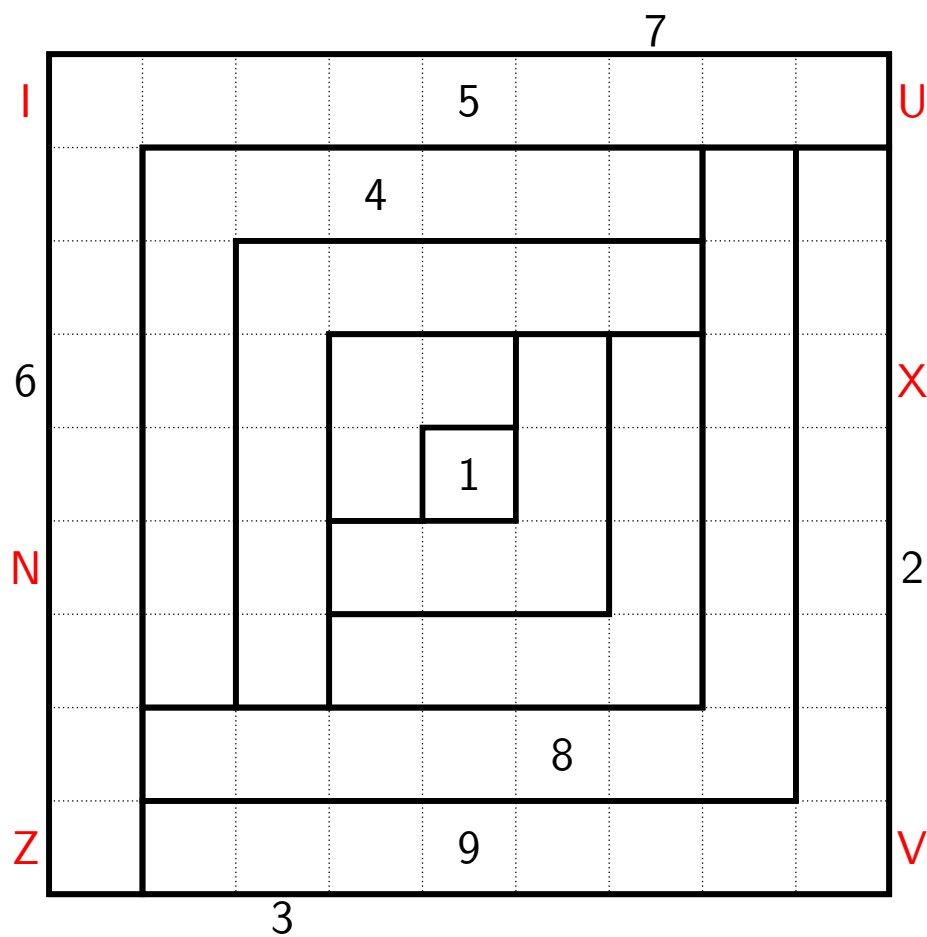
{1:1, 2:[2, 3], 3:5, 4:6, 5:9, 6:4, 7:[], 8:7, 9:8}

digit(s) 7 cannot be assigned to any hook



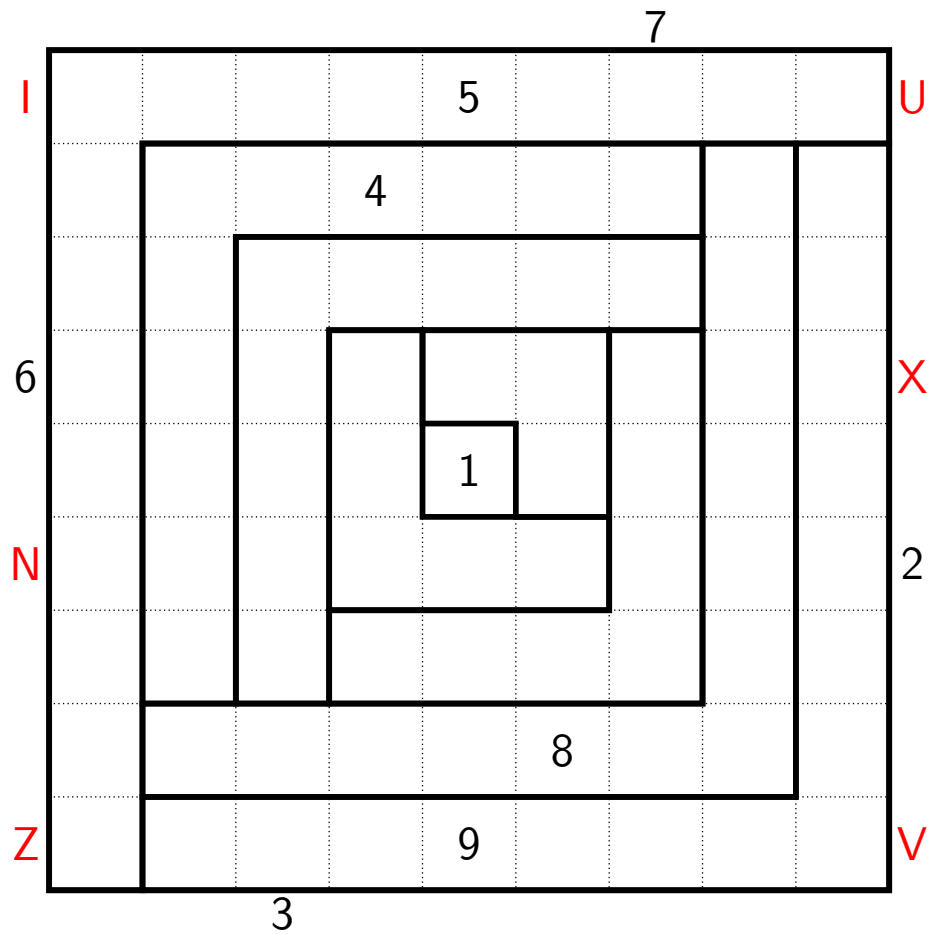
{1:1, 2:[2, 3], 3:5, 4:6, 5:9, 6:4, 7:[], 8:7, 9:8}

digit(s) 7 cannot be assigned to any hook



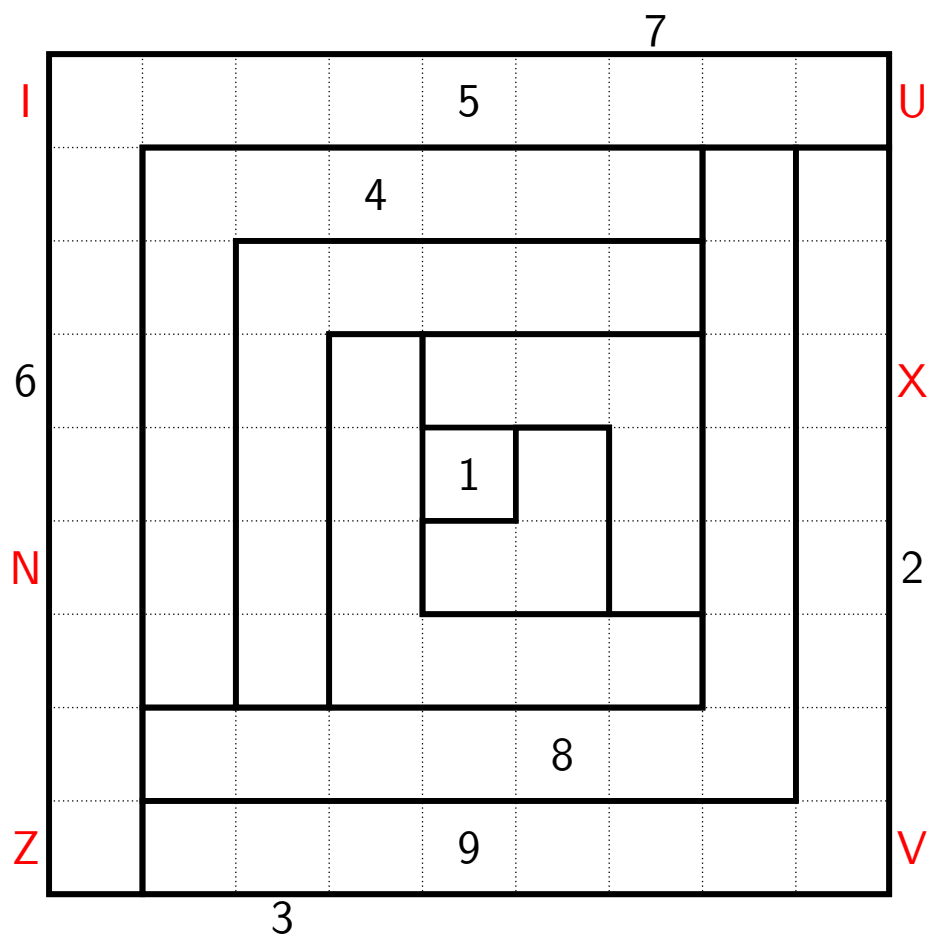
{1:1, 2:3, 3:5, 4:6, 5:9, 6:4, 7:[], 8:7, 9:8}

digit(s) 7 cannot be assigned to any hook



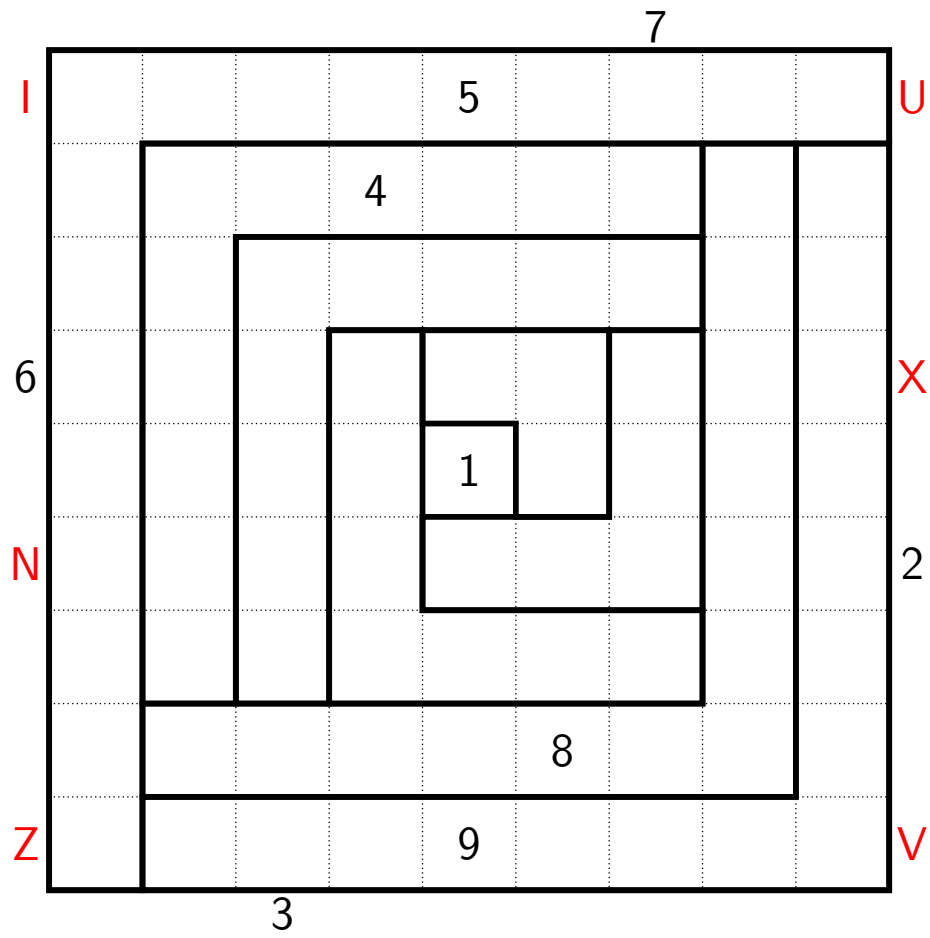
{1:1, 2:3, 3:5, 4:6, 5:9, 6:4, 7:[], 8:7, 9:8}

digit(s) 7 cannot be assigned to any hook



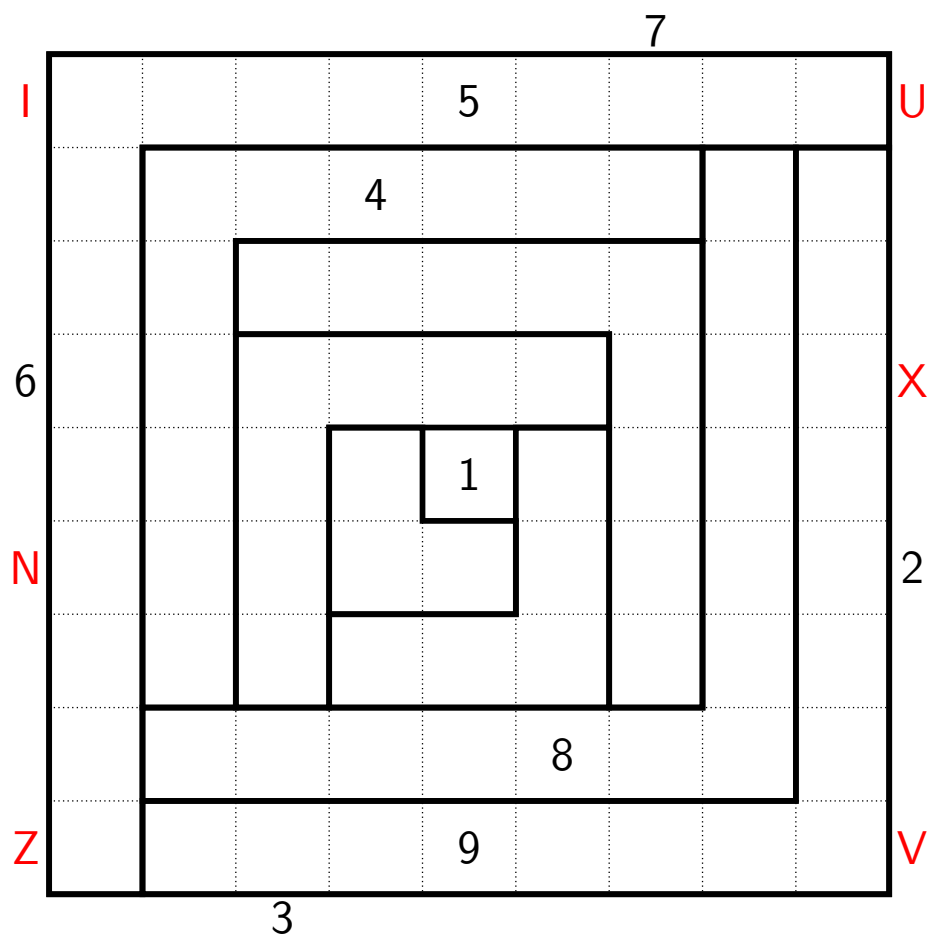
{1:1, 2:[2, 3], 3:5, 4:6, 5:9, 6:4, 7:[], 8:7, 9:8}

digit(s) 7 cannot be assigned to any hook



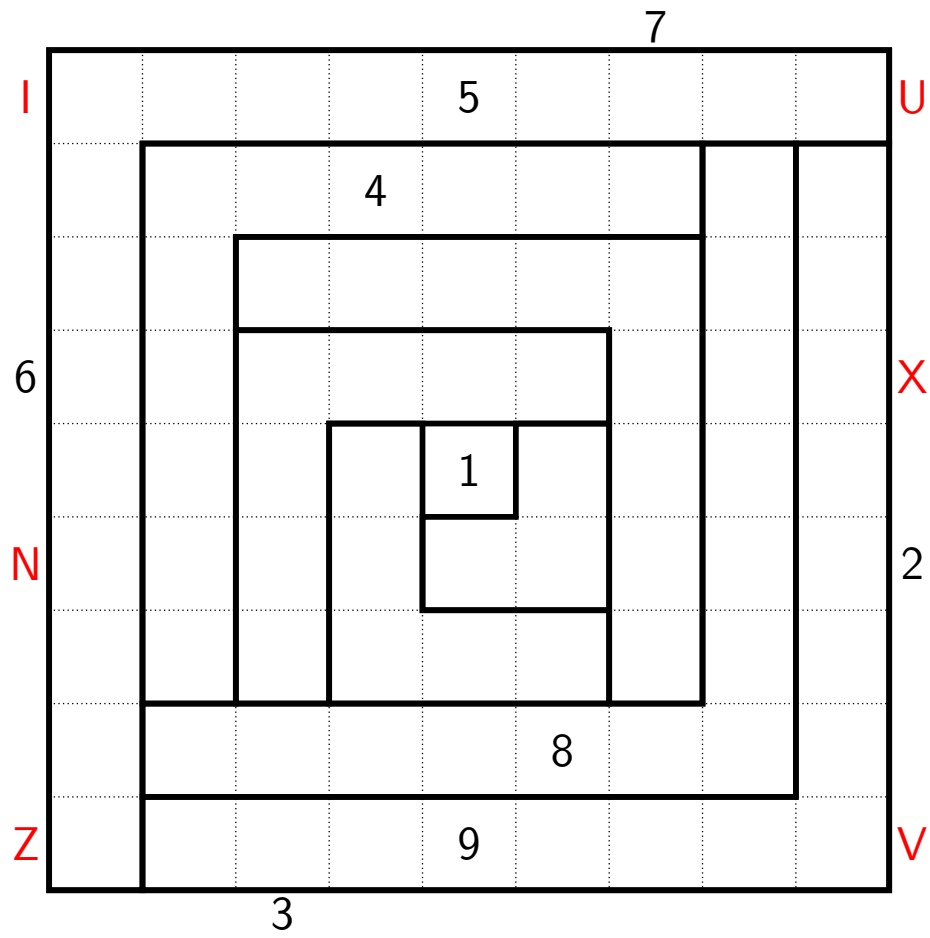
{1:1, 2:3, 3:5, 4:6, 5:9, 6:4, 7:[], 8:7, 9:8}

digit(s) 7 cannot be assigned to any hook



{1:1, 2:[2, 3], 3:4, 4:6, 5:9, 6:4, 7:5, 8:7, 9:8}

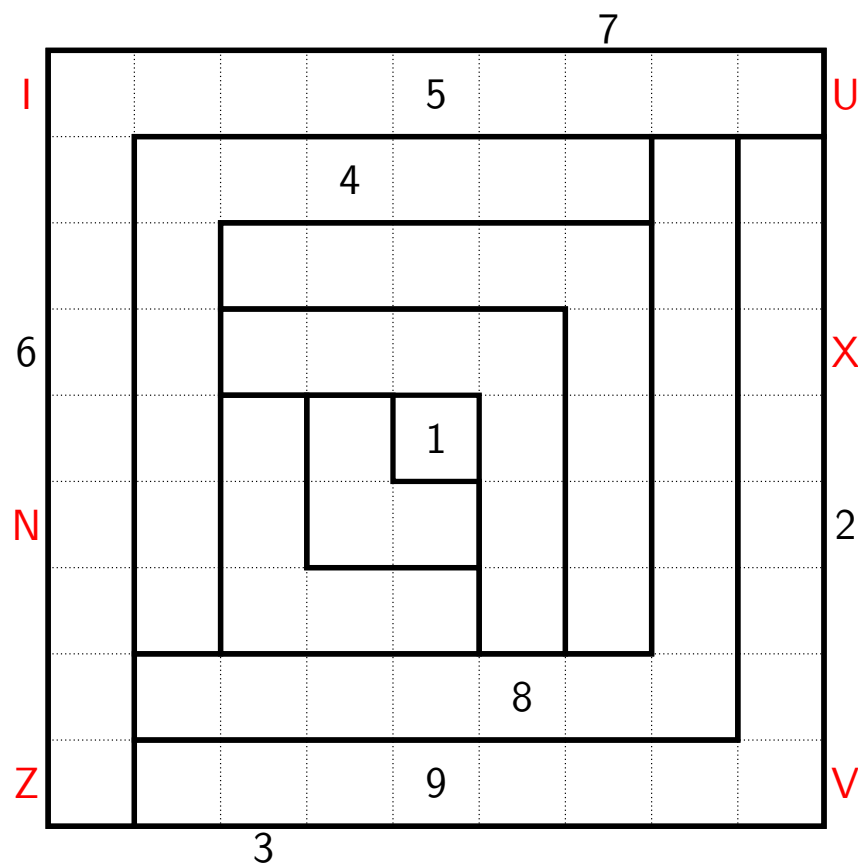
digits 3,6 are fighting over hook 4



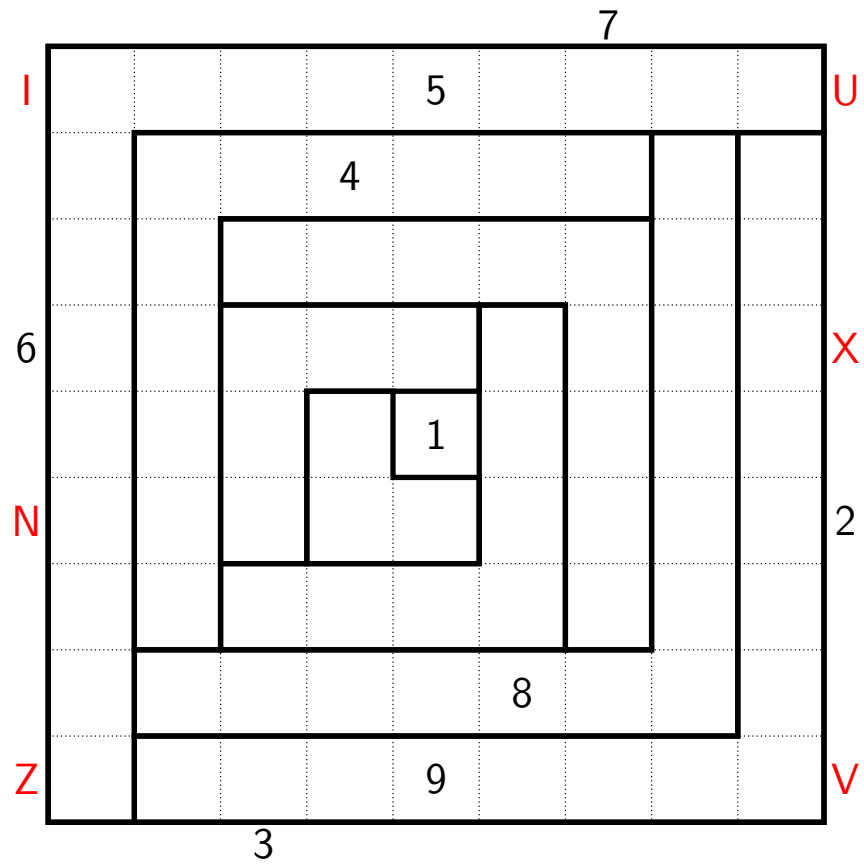
{1:1, 2:[2, 3], 3:4, 4:6, 5:9, 6:4, 7:5, 8:7, 9:8}

digits 3,6 are fighting over hook 4

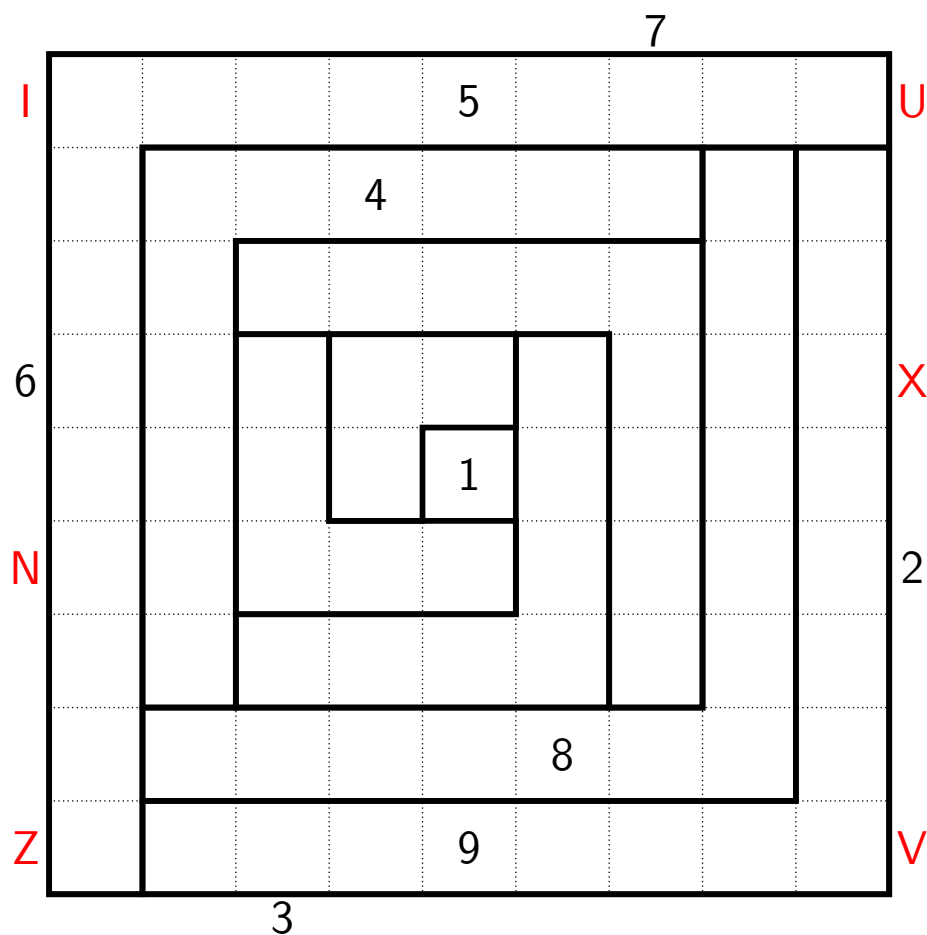




—1 : 1, 2 : 2, 3 : 3, 4 : 6, 5 : 9, 6 : 4, 7 : 5, 8 : 7, 9 : 8''

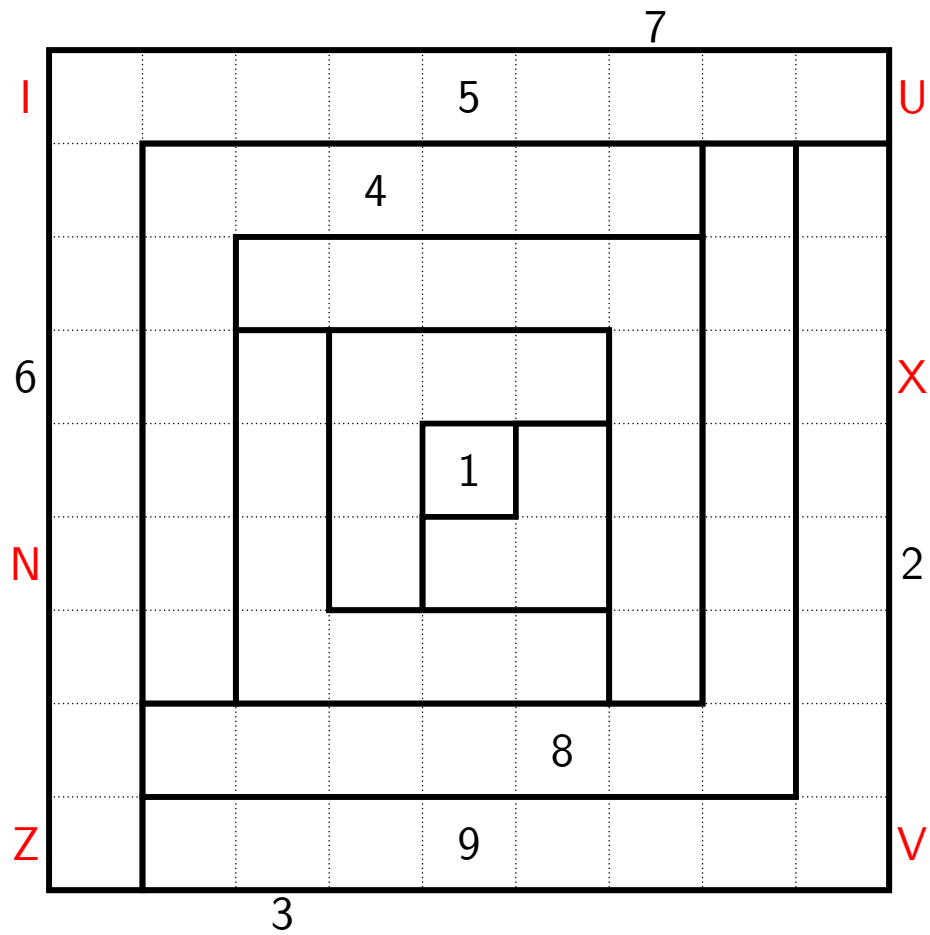


—1 : 1, 2 : 2, 3 : 3, 4 : 6, 5 : 9, 6 : 4, 7 : 5, 8 : 7, 9 : 8''



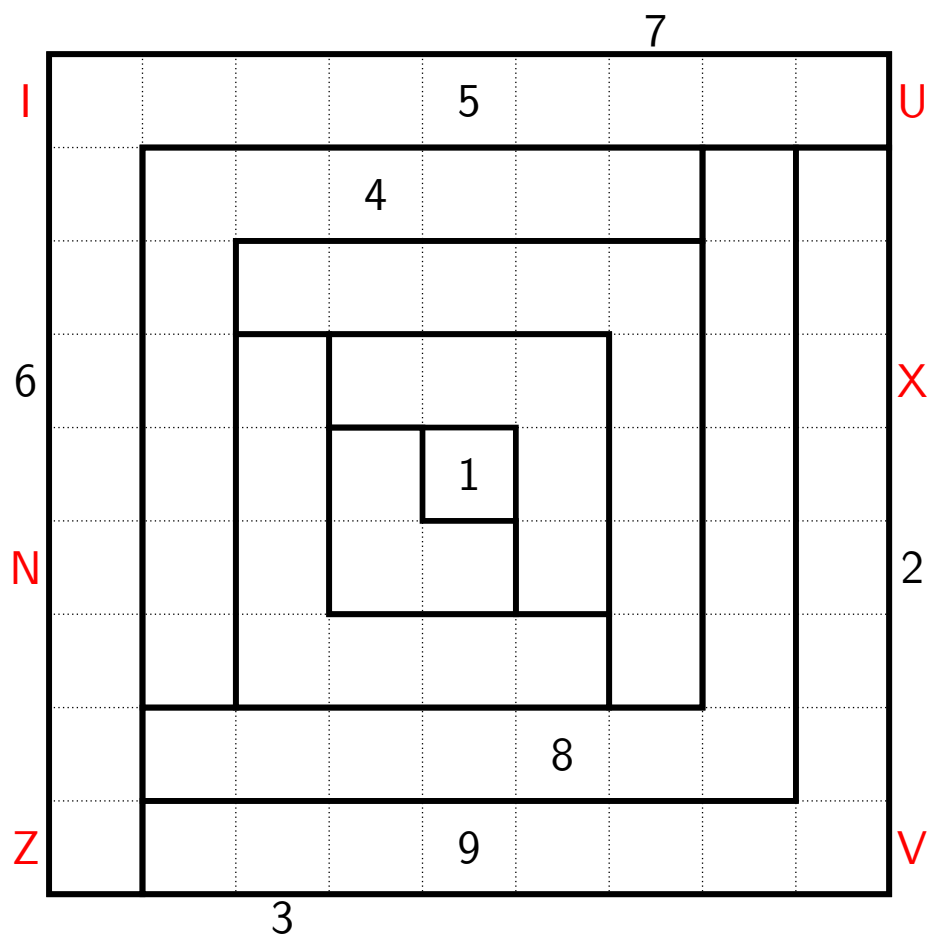
{1:1, 2:3, 3:3, 4:6, 5:9, 6:4, 7:5, 8:7, 9:8}

digits 2,3 are fighting over hook 3



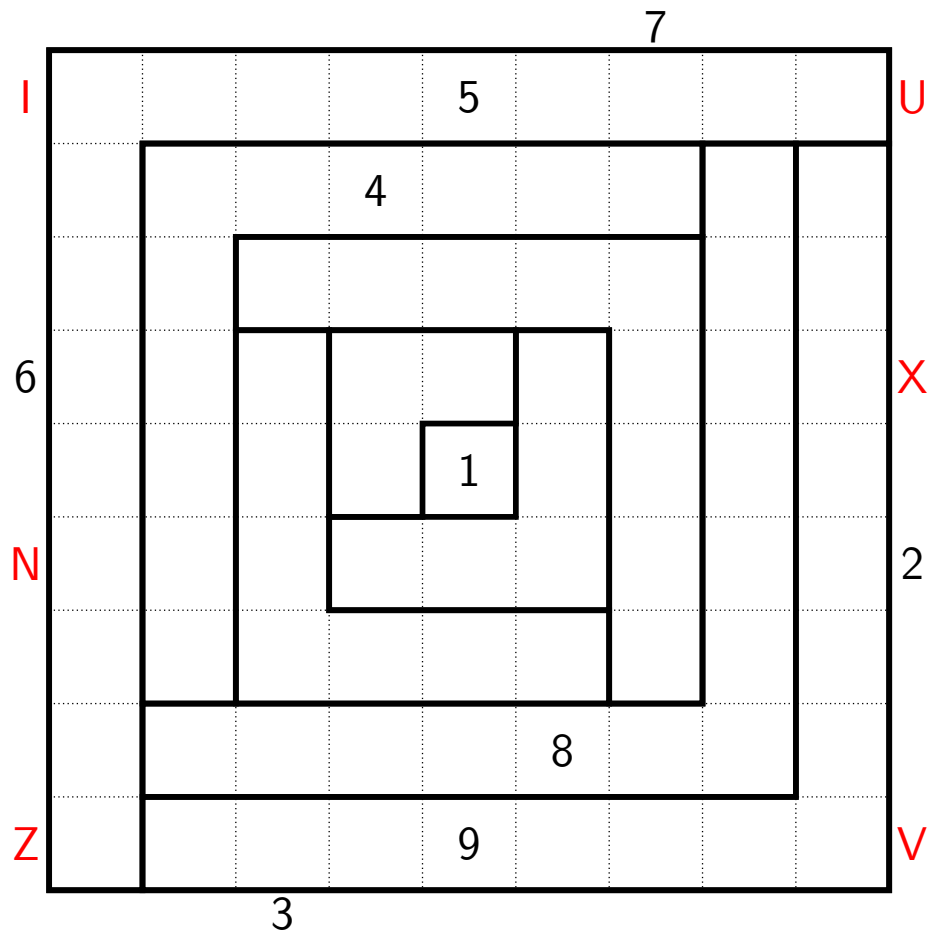
{1:1, 2:[2, 3], 3:4, 4:6, 5:9, 6:4, 7:5, 8:7, 9:8}

digits 3,6 are fighting over hook 4



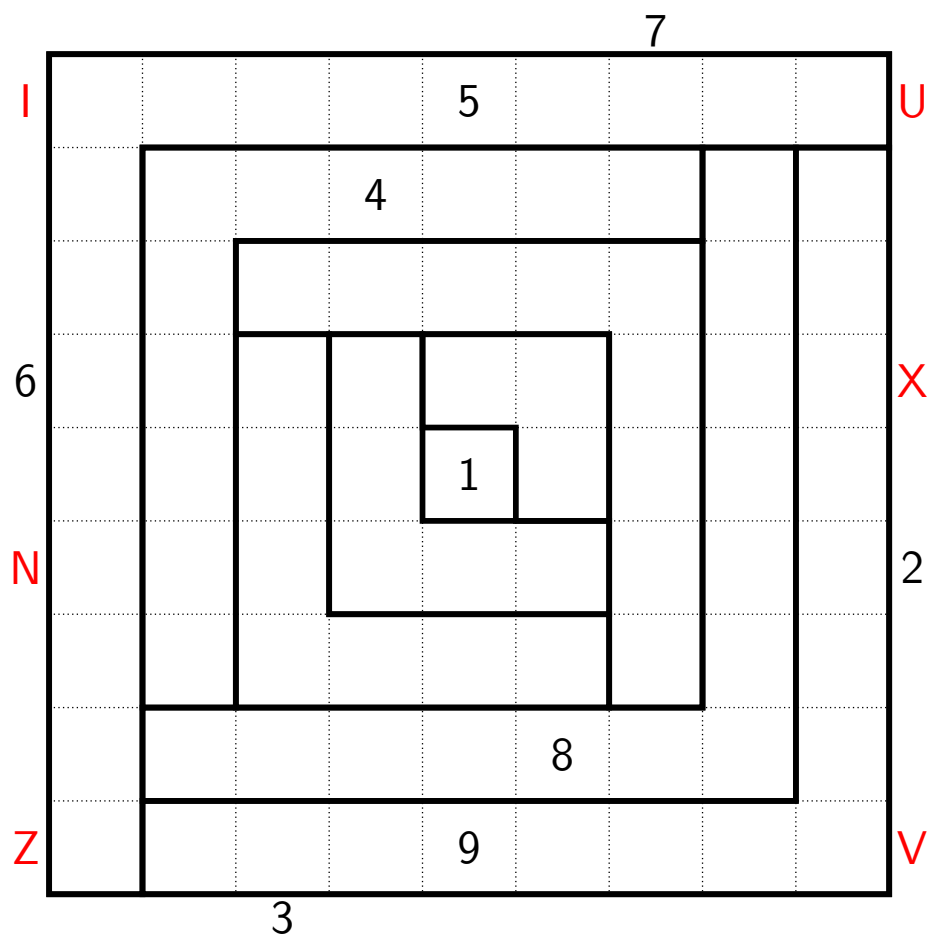
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digits 3,6 are fighting over hook 4



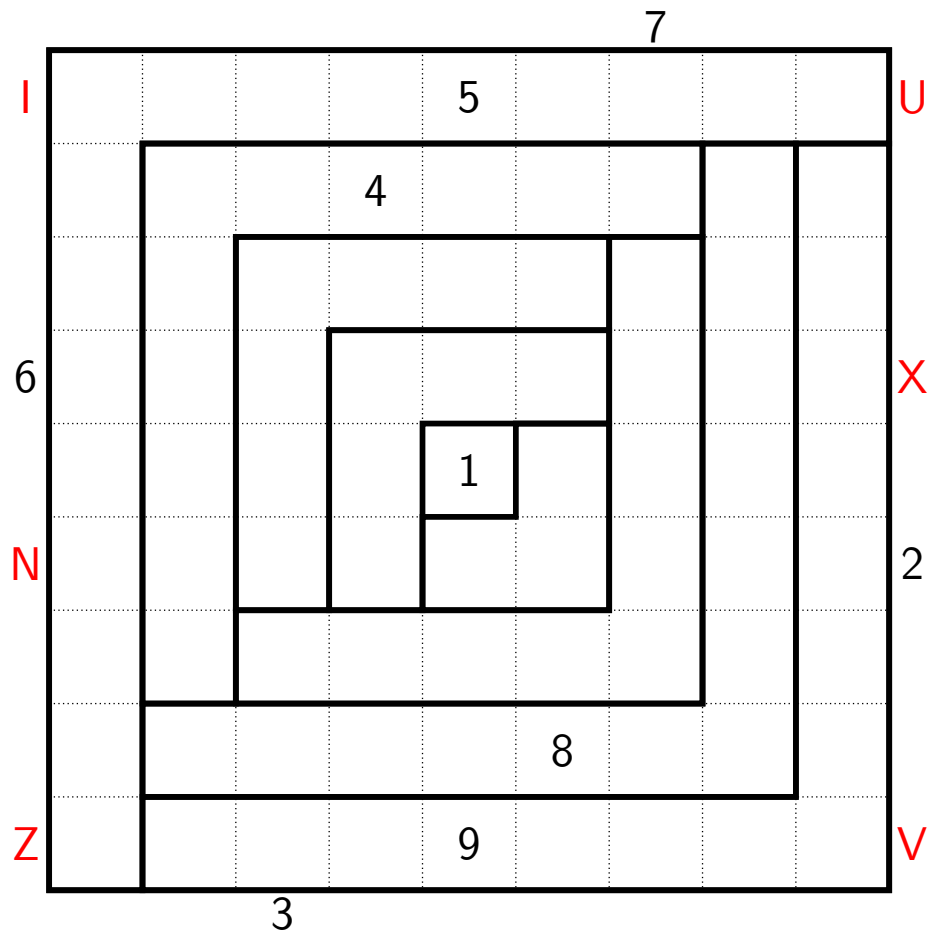
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digits 3,6 are fighting over hook 4



{1:1, 2:3, 3:4, 4:6, 5:9, 6:4, 7:5, 8:7, 9:8}

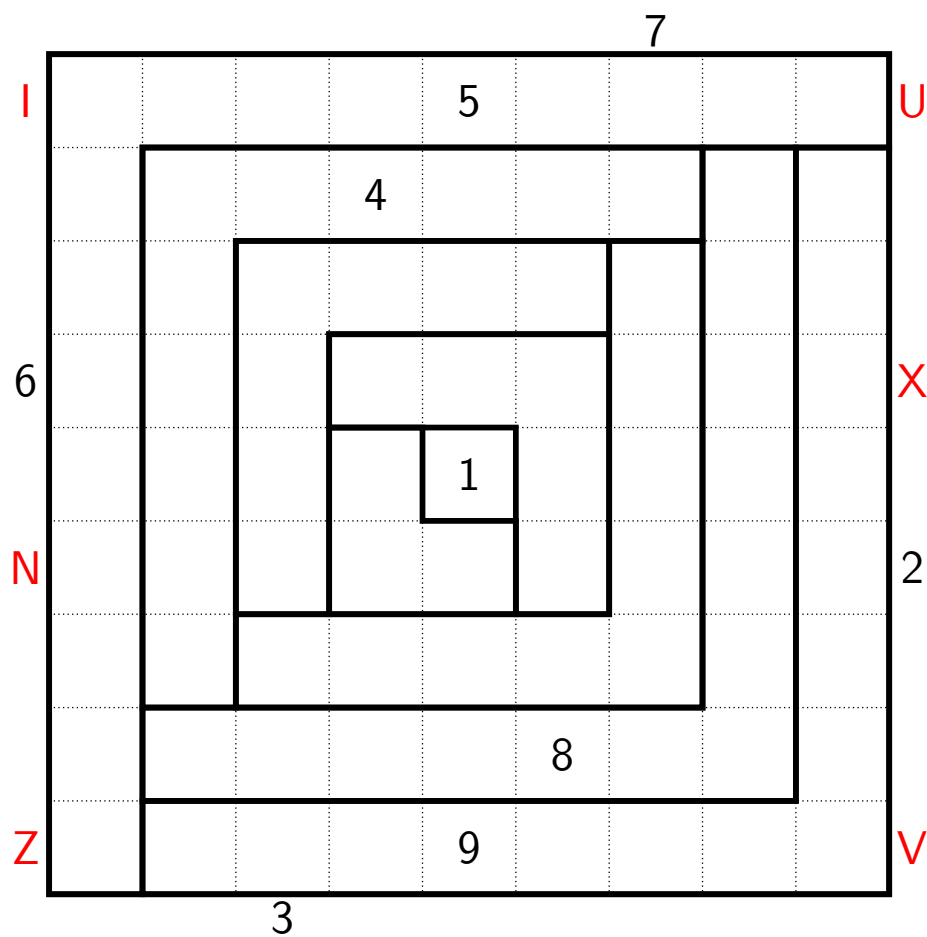
digits 3,6 are fighting over hook 4



{1:1, 2:[2, 3], 3:4, 4:6, 5:9, 6:4, 7:5, 8:7, 9:8}

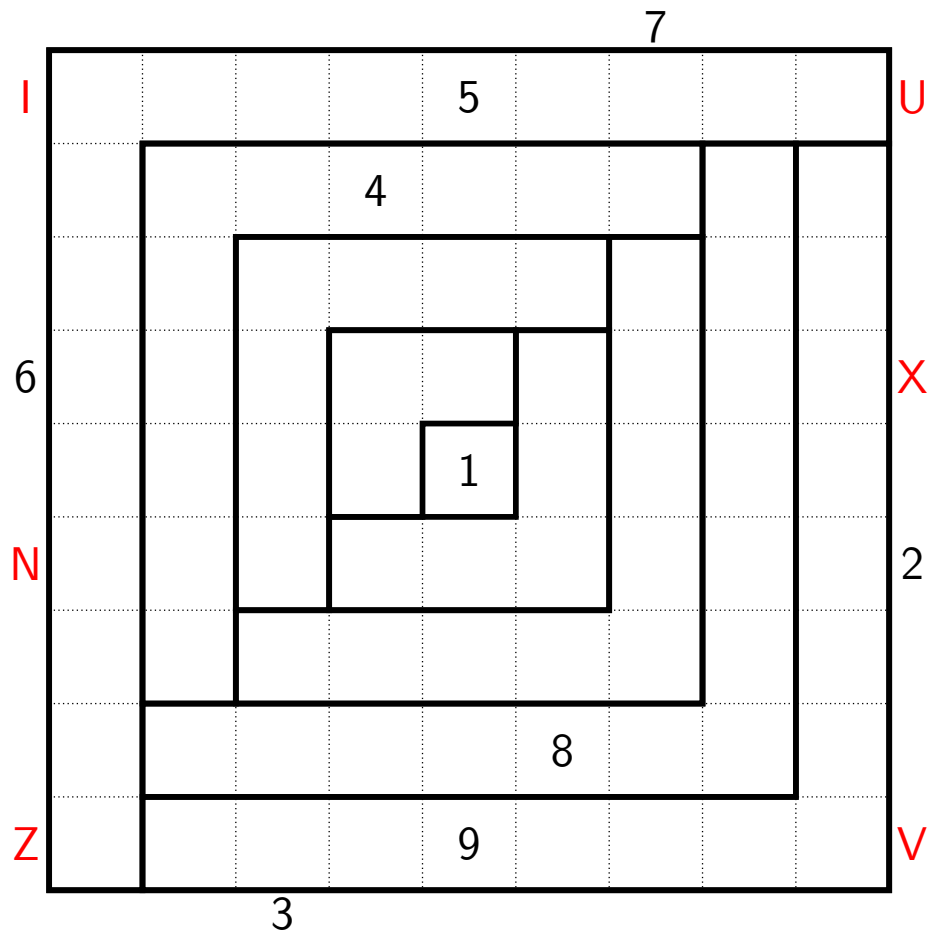
digits 3,6 are fighting over hook 4





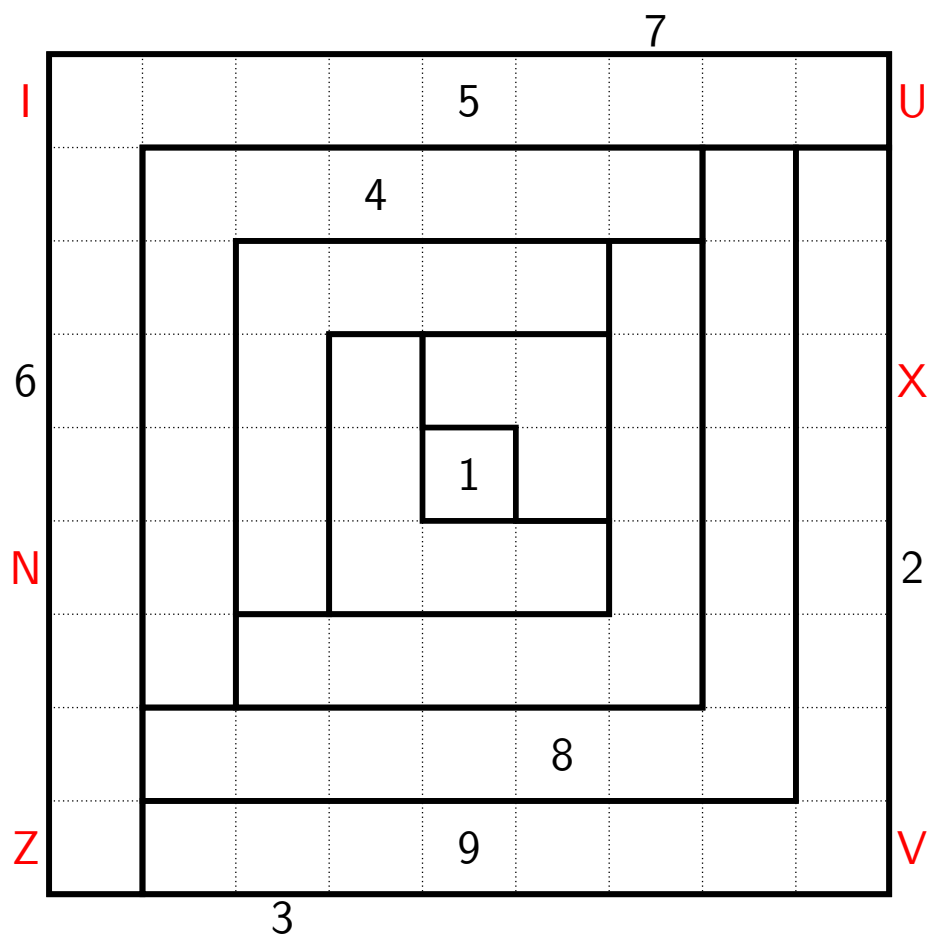
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digits 3,6 are fighting over hook 4



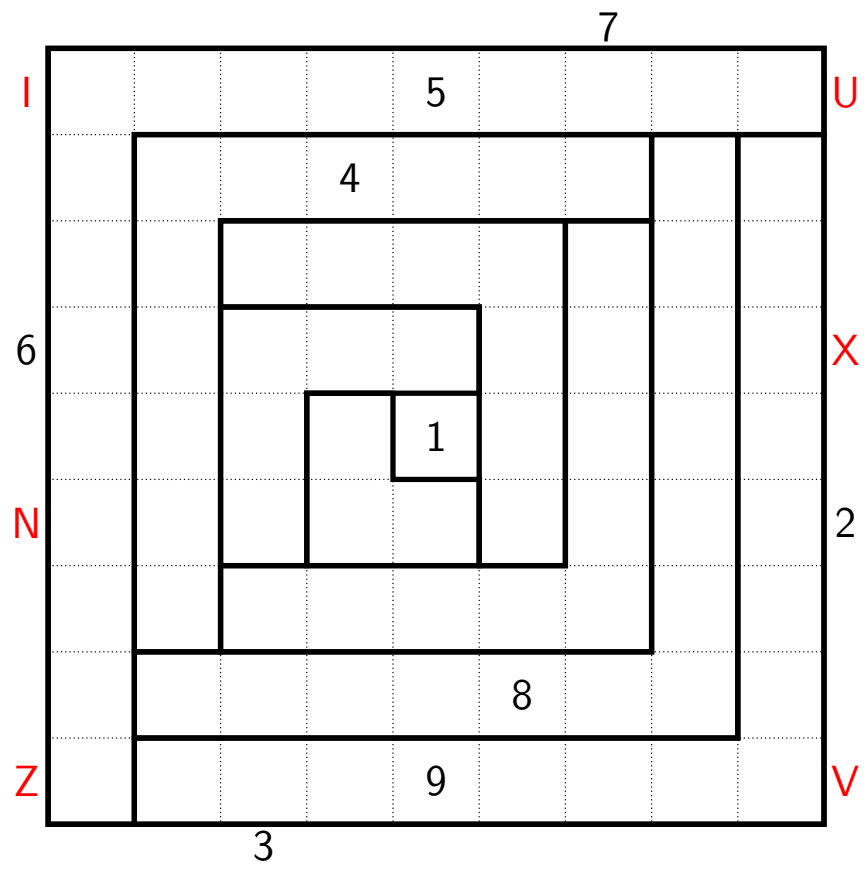
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digits 3,6 are fighting over hook 4

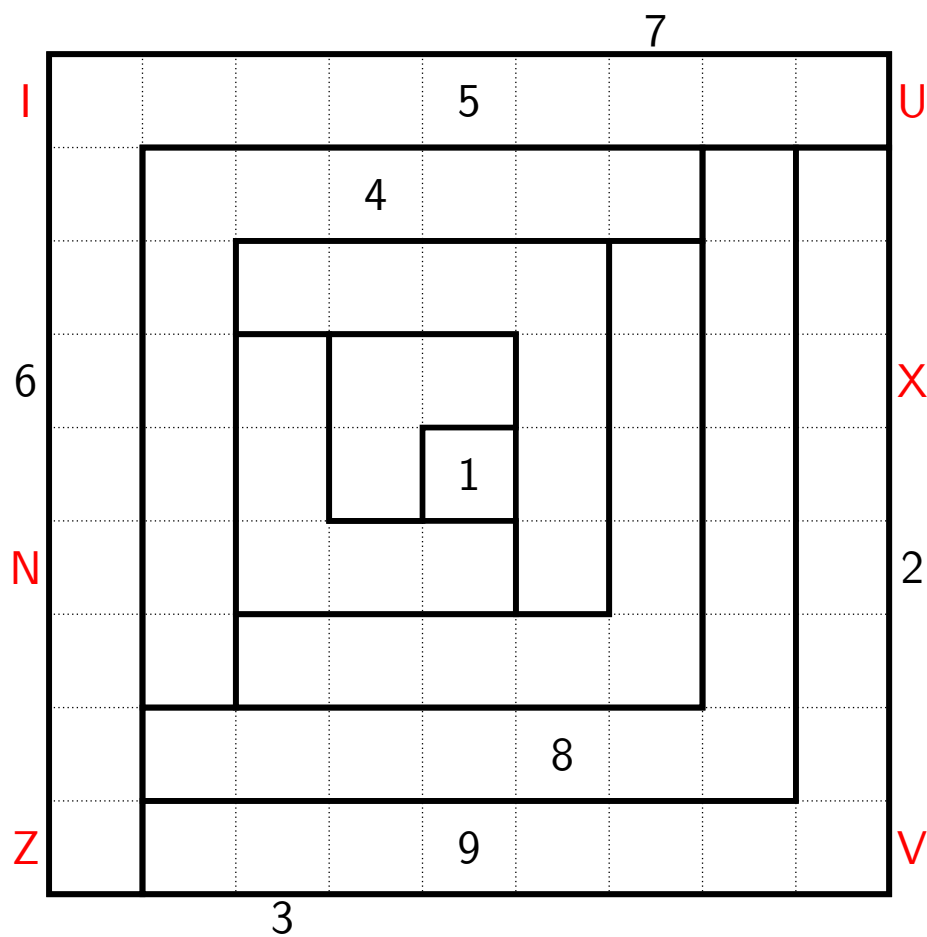


{1:1, 2:3, 3:4, 4:6, 5:9, 6:4, 7:5, 8:7, 9:8}

digits 3,6 are fighting over hook 4

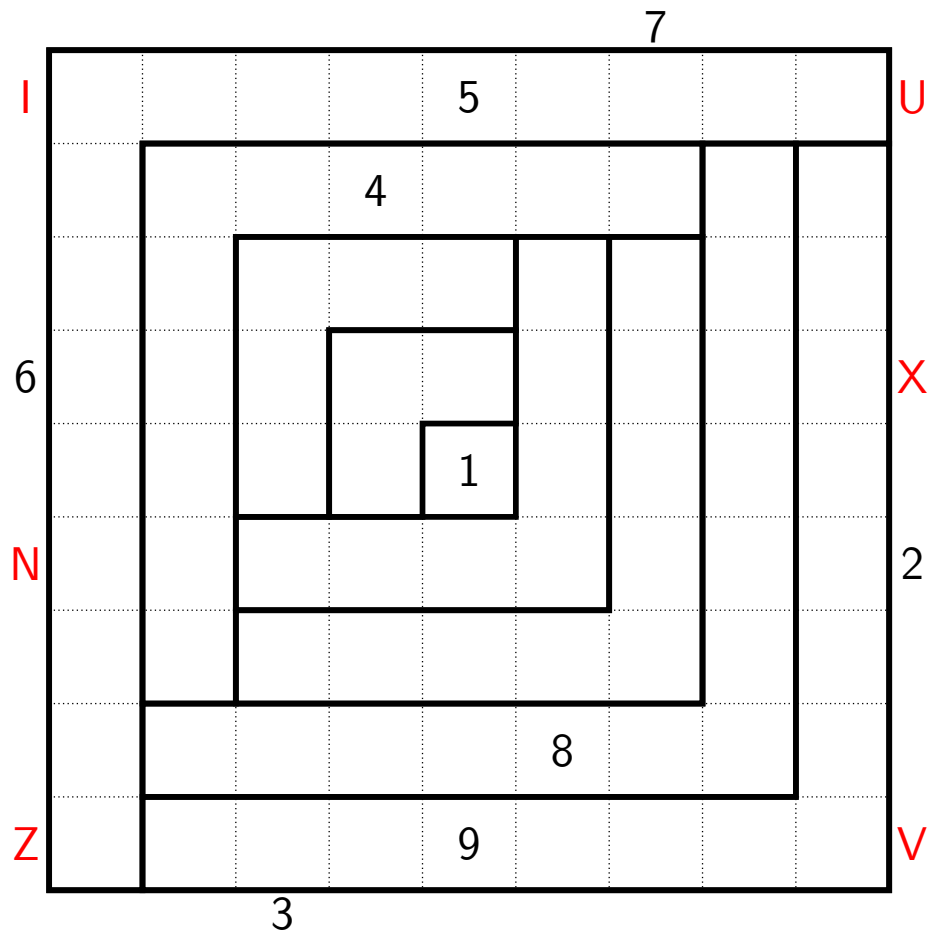


—1 : 1, 2 : 2, 3 : 3, 4 : 6, 5 : 9, 6 : 4, 7 : 5, 8 : 7, 9 : 8''



{1:1, 2:3, 3:3, 4:6, 5:9, 6:4, 7:5, 8:7, 9:8}

digits 2,3 are fighting over hook 3



{1:1, 2:4, 3:3, 4:6, 5:9, 6:4, 7:5, 8:7, 9:8}

digits 2,6 are fighting over hook 4

VALID IDXS: