

0	0	0	0	0
0	0	0	0	0
1	0	0	0	0
0	0	0	0	0
0	0	0	0	0

Starting bitboard

&

0	1	1	1	1
0	1	1	1	1
0	1	1	1	1
0	1	1	1	1
0	1	1	1	1

A-file mask

=

0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0

Initial square on A-file masked out