AGA1

0 0 0 0 0 0 0 0 3 4 1 2 4 4 1 1 2 3 4 1 4 1 3 1 4 4 2 4 0 0 0 0 0 0 1 1 1 1 1 2 1 1 1 1 2 1 1 1 1 2 1 1 1 1 2 2 1 1 1 1 1 0 0 0 0 0 0 0 0 1 1 0 0 0 4 0 0 2 4 4 1 4 3 2 1 0 0 0 0 0 4 4 1 1 1 4 2 3 1 1 1 2 2 2 1 4 2 3 3 0 0 0 0 0 0 0 0 0 0 0 0 1 4 1 1 3 3 1 2 3 3 4 4 2 3 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 2 0 0 4 4 3 2 1 1 2 4 4 1 1 1 4 1 4 4 4 1 4 1 2 1 1 4 4 0 1 1 1 1 4 4 2 4 3 2 4 3 1 1 4 2 2 4 2 0 1 1 3 4 4 1 3 4 3 4 0 4 4 2 1 1 1 1 1 3 4 1 3 2 2 1 4 2 1 2 1 1 1 1 3 2 1 1 1 1 1 2 4 1 4 1 2 4 1 3 4 2 2 1 2 2 2 1 4 2 4 1 3 2 1 1 0 0 0 2 3 3 4 4 1 1 1 2 2 1 1 4 1 1 2 3 1 4 3 2 1 3 1 2 1 4 4 2 4 3 2 4 2 2 4 2 1 1 4 3 2 4 2 4 4 3 0 0 0 0 0 1 4 2 3 1 2 2 0 4 2 2 2 3 1 0 0 0 0 1 1 2 4 1 4 2 1 1 4 4 4 3 4 1 2 1 2 4 3 2 4 3 2 2 4 2 0 0 0 2 2 4 4 1 2 1 4 2 0 0 0 4 1 1 1 4 3 3 3 0 0 0 0 0 0 0 1 4 2 2 1 3 1 2 4 2 4 1 4 1 2 1 1 2 1 2 4 4 4 1 0 0 0 0 1 0 0 0 1 1 4 3 3 1 1 4 3 2 1 1 1 2 4 4 1 1 3 1 4 4 4 3 1 2 1 2 1 1 1 0 0 1 1 3 3 4 1 4 1 1 3 0 0 0 0 0 2 0 0 0 0 4 2 3 1 1 1 2 4 4 3 1 2 4 4 0 4 0 4 2 3 2 3 3 2 1 3 1 4 4 2 4 1 4 4 1 1 1 1 2 1 3 0 4 4 4 2 4 4 1 4 1 1 4 4 4 4 2 4 1 4 3 1 4 4 1 3 4 2 1 1 4 4 4 0 4 2 4 4 3 2 0 0 0 0 0 0 0 0 0 0 0 3 0 4 2 1 4 1 2 0 0 0 3 2 4 4 4 1 4 4 3 2 4 3 1 1 2 2 2 4 3 2 4 4 3 2 4 4 1 1 4 4 4 4 2 3 1 4 1 4 1 4 4 0 0 0 0 0 0 0 0 0 0 3 2 3 2 4 3 4 4 1 4 4 1 3 4 1 2 1 4 1 2 4 1 2 4 4 1 4 4 1 1 4 1 2 3 1 3 4 4 2 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 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 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 0 0 1 1 1 1 2 2 4 3 1 4 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 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 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 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 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 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 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 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 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 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 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 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 0 0 1 1 1 0 0 0 0 0 0 0 4 2 3 1 1 2 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 2 1 1 1 3 4 4 4 4 4 2 3 3 2 3 4 3 2 4 1 1 4 4 2 4 4 1 4 4 4 4 3 2 1 4 4 4 4 4 4 4 2 2 4 4 4 0 4 4 4 1 1 1 2 4 3 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 0 0\*\*

ASG7

0 0 0 0 0 0 0 0 0 0 1 1 4 4 2 2 4 3 4 2 4 1 3 2 4 1 4 1 1 1 3 3 3 3 2 1 1 3 1 1 1 2 4 2 3 1 1 1 1 2 1 3 1 2 2 2 4 4 4 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3 4 4 3 1 2 1 1 3 1 4 2 1 1 1 4 4 1 1 3 1 4 4 1 1 3 2 3 4 1 1 1 3 1 4 4 1 4 4 3 1 4 4 1 1 1 1 1 1 1 1 3 1 2 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 4 0 0 2 2 3 1 1 1 4 1 1 1 2 1 1 1 4 1 4 2 4 1 1 1 1 1 3 0 3 0 1 3 0 0 0 2 4 1 4 1 4 1 1 1 4 4 4 0 1 4 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 0 0 0 0 0 0 0 0 0 0 0 0 0 1 2 2 3 2 4 1 1 4 3 1 3 3 3 2 1 4 1 2 4 3 1 4 3 2 4 2 1 3 1 4 4 1 3 4 1 4 3 3 1 4 4 1 3 1 3 4 2 4 2 4 1 2 1 1 2 1 2 3 4 2 4 3 4 1 4 1 1 4 1 1 2 1 1 3 4 0 0 0 4 4 4 4 0 0 0 4 1 0 2 3 1 3 2 3 1 1 1 2 4 4 3 1 3 1 2 1 1 1 4 1 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1 3 2 1 3 1 2 4 4 1 4 3 4 4 3 1 3 1 1 3 4 4 4 1 0 0 0 0 3 4 2 1 1 1 3 4 4 4 2 3 1 4 4 1 1 4 2 2 3 2 4 1 2 3 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 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 0 0 0 0 0 0 0 0 0 0 3 3 4 4 4 1 1 1 4 2 4 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 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 0 0 0 1 0 0 0 0 0 0 0 0 0 3 1 1 4 4 2 1 3 2 4 4 1 3 4 4 4 4 2 4 4 3 3 4 4 1 4 1 4 2 3 3 3 3 4 4 2 4 1 4 1 4 4 4 3 3 3 1 2 4 3 2 3 1 0 2 3 1 1 3 4 2 1 4 3 1 2 1 3 1 2 4 1 1 1 4 0 0 0 0 0 0 1 4 1 1 3 1 3 2 1 1 0 3 1 4 2 4 1 4 3 3 4 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 4 2 4 4 4 4 4 1 1 2 0 4 4 4 3 4 4 1 3 4 2 3 4 0 2 4 4 3 4 4 4 2 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0\*\*

CLG1

0 0 0 0 0 0 0 0 2 4 1 4 2 4 1 4 1 2 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 0 0 0 0 0 0 0 0 2 1 4 2 3 1 4 4 4 2 0 0 1 4 1 2 3 4 4 1 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 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 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 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 4 1 4 4 2 1 1 2 1 1 1 2 2 3 2 2 4 3 2 4 1 1 4 4 4 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 0 0 0 0 0 0 0 2 3 2 4 1 1 1 4 1 3 1 1 3 4 1 1 4 4 1 1 2 2 3 3 3 1 1 4 2 3 3 3 4 4 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 0 0 4 4 4 1 1 1 1 1 2 1 1 1 4 0 0 0 4 1 1 1 2 1 1 1 1 1 1 1 1 3 4 4 1 1 1 4 1 1 1 3 3 2 4 2 3 4 3 4 4 4 4 3 0 0 0 0 0 3 1 1 2 4 4 4 0 3 1 3 4 4 1 4 4 1 1 0 0 3 2 1 1 1 1 4 3 1 2 4 1 1 4 3 4 2 4 2 4 1 1 4 2 2 1 4 2 1 1 1 2 1 4 4 3 4 3 4 1 1 2 1 4 4 4 4 3 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 4 4 2 1 4 4 0 3 2 4 2 2 4 2 4 4 4 1 2 0 0 0 4 1 1 3 4 1 2 1 1 1 1 4 4 3 4 4 4 4 4 2 3 2 4 0 0 0 2 0 4 4 3 3 4 1 2 4 1 4 1 4 2 1 4 3 4 1 1 2 1 2 3 1 1 2 1 2 3 1 1 1 1 1 1 2 1 1 2 2 1 1 1 1 1 1 1 1 1 1 2 1 2 1 4 4 4 3 2 2 1 1 1 1 4 0 0 2 1 0 0 3 3 3 1 1 4 4 1 1 1 2 2 1 1 1 4 1 1 3 4 2 2 0 2 0 0 0 0 0 4 4 4 1 1 4 4 4 4 3 4 4 0 0 0 4 4 2 3 1 1 1 0 0 0 0 2 1 2 4 3 3 4 3 4 2 1 2 1 1 1 1 4 4 3 2 4 4 4 4 1 1 1 4 3 2 4 4 4 1 1 1 3 1 3 1 1 1 3 2 1 3 1 1 3 1 1 0 1 1 1 4 2 4 3 4 3 4 2 1 3 2 4 1 1 4 2 0 0 0 0 0 1 1 3 4 4 3 3 1 1 1 3 2 2 0 0 1 1 0 0 0 0 0 1 4 4 3 1 2 1 1 2 3 4 3 1 2 3 1 1 1 1 1 0 0 0 0 0 0 0 0 0 1 1 1 1 4 1 1 4 4 2 1 1 1 4 4 1 2 2 1 1 1 1 1 2 1 3 1 3 1 3 1 1 1 3 1 3 1 4 1 4 1 1 2 4 3 1 3 3 3 3 1 1 4 1 1 1 1 4 2 4 3 1 4 1 1 2 3 4 4 3 4 3 4 2 1 1 2 3 1 1 1 2 4 2 4 0 2 4 1 1 1 4 4 4 2 2 4 3 2 1 1 1 4 1 1 4 3 2 3 1 0 1 1 4 3 2 1 1 4 1 4 2 4 2 1 4 2 4 4 3 3 4 4 1 1 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 2 1 1 1 4 4 2 0 0 0 0 0 0 0 0 0 0 0 4 1 1 4 1 1 4 4 3 4 2 4 3 1 1 4 1 0 0 0 0 0 0 0 0 0 0 1 3 4 3 1 1 4 4 1 1 2 3 1 2 1 1 2 0 0 0 0 0 4 3 0 0 2 2 2 2 2 2 1 2 2 2 2 2 2 4 4 2 4 4 4 2 2 2 2 2 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 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 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 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 0 0 0 0 0 0 0 0 0 0 0 0 2 1 1 2 4 1 4 1 4 3 4 0 0 0 0 0 0 4 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0\*\*

ECM18

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 0 0 0 0 0 0 0 0 0 0 0 1 3 1 1 1 3 1 1 2 1 0 0 0 0 0 1 1 1 2 4 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 0 0 0 1 3 1 1 4 3 3 4 3 4 2 4 4 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 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 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 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 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 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 4 3 4 1 4 1 2 1 1 2 1 1 1 3 3 4 3 3 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 0 0 0 4 1 4 4 0 1 3 4 4 3 1 1 1 1 1 1 1 1 4 3 3 4 4 3 3 2 3 3 4 4 3 0 0 0 0 1 4 1 4 1 4 1 4 0 0 0 2 4 4 1 3 4 2 4 0 0 0 0 0 2 1 4 2 2 1 1 1 3 1 1 3 4 1 4 3 2 1 4 0 0 0 0 0 0 0 0 0 0 0 0 2 3 4 4 1 1 1 2 2 1 4 4 4 3 4 3 4 4 4 3 1 4 1 4 1 1 3 1 4 3 1 4 1 1 1 4 1 4 1 3 4 3 1 1 3 2 4 1 4 3 1 4 2 0 0 0 3 1 1 4 1 1 2 4 4 3 3 4 1 4 4 4 4 1 3 2 2 3 4 0 0 0 4 0 1 4 4 4 1 3 2 1 1 1 4 3 4 1 3 4 1 1 1 4 4 4 0 0 0 0 0 0 0 4 1 1 2 1 3 1 4 1 2 3 3 4 1 3 3 1 1 1 1 4 4 1 1 4 4 4 4 4 3 1 1 1 2 3 1 0 0 0 1 0 0 3 3 4 3 3 1 1 1 1 2 4 2 2 1 2 4 1 1 1 1 1 3 4 4 4 4 4 1 4 4 4 4 4 1 1 2 4 3 4 2 2 0 0 0 4 4 4 4 2 4 1 1 4 0 4 1 1 4 1 1 1 1 3 3 2 1 1 1 3 4 4 1 4 1 4 2 1 3 4 2 2 1 2 2 1 3 3 4 4 4 3 2 2 2 1 1 3 3 4 2 4 1 1 4 2 1 0 4 4 4 4 1 1 3 4 3 4 2 0 0 4 4 2 1 3 1 0 0 0 0 0 1 1 2 3 4 1 1 2 2 4 3 2 1 0 0 1 4 3 4 4 2 1 2 2 4 2 4 3 4 3 2 1 1 2 4 2 4 1 3 1 1 1 1 4 2 4 2 2 1 2 1 4 1 1 1 4 1 4 1 4 1 1 2 1 3 4 2 4 3 1 1 1 2 2 1 1 4 1 3 2 2 1 1 1 2 2 4 3 1 1 1 4 4 3 3 4 1 3 4 3 2 3 4 4 1 0 0 3 4 4 4 4 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 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 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 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 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 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 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 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 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 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 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 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 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 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0\*\*

PCL2

3 1 4 4 3 4 4 2 4 3 1 4 3 2 3 2 4 3 4 4 4 1 1 2 4 2 2 4 1 1 2 1 2 1 1 1 1 1 1 1 1 1 4 1 4 1 1 1 1 4 1 2 1 1 2 1 1 2 3 1 4 0 0 0 0 0 0 0 0 4 1 0 0 0 1 0 0 2 1 4 1 2 3 4 1 3 3 4 2 2 4 4 1 4 2 4 4 4 3 4 1 3 4 1 1 4 1 3 4 0 0 0 2 1 4 3 2 4 4 3 1 2 4 1 1 4 1 1 4 1 3 4 1 2 3 1 1 4 1 0 4 1 1 4 1 4 2 4 1 4 1 1 4 1 3 1 1 1 4 2 3 0 0 2 4 4 2 1 4 4 1 1 1 1 1 4 1 4 1 2 3 4 4 1 1 1 1 4 0 1 2 1 3 4 4 4 4 4 4 4 3 1 1 1 1 2 4 4 0 4 4 2 2 4 4 2 4 4 4 0 4 0 0 1 4 0 0 0 0 1 1 1 1 3 1 4 2 4 2 1 2 1 1 2 3 4 4 4 2 1 2 4 4 4 1 1 2 1 3 2 4 2 2 4 1 1 1 2 2 4 1 1 2 1 3 4 1 4 4 4 4 3 3 1 1 1 4 4 1 4 1 1 1 2 3 4 4 3 2 1 1 2 1 2 4 4 2 1 4 2 4 3 2 1 2 3 1 3 1 1 2 1 1 2 1 1 3 2 4 3 2 4 2 4 1 2 4 0 3 2 1 3 2 1 1 1 3 2 1 3 2 4 2 1 3 1 1 2 4 3 3 3 1 4 4 2 3 1 1 4 1 1 2 4 1 1 4 2 4 4 2 3 4 3 4 4 1 0 0 0 4 1 1 1 4 3 3 4 4 1 1 1 1 3 2 1 2 4 4 4 1 1 2 4 1 3 3 4 3 2 1 1 2 2 1 4 2 4 1 0 0 0 0 2 4 1 1 3 2 4 2 4 4 2 4 3 4 4 1 1 1 2 3 1 1 1 1 3 1 4 3 1 4 1 4 3 1 1 1 4 1 1 4 3 4 4 4 2 4 4 4 1 3 1 3 4 4 1 4 3 4 1 2 4 1 3 4 3 4 2 3 2 3 4 0 4 0 3 2 2 2 1 4 1 1 1 1 4 3 2 3 3 4 1 1 1 1 4 3 2 2 0 1 1 4 2 4 1 1 1 2 1 3 4 3 1 3 4 3 4 4 1 3 2 2 4 3 2 1 3 4 4 4 2 4 2 4 1 1 2 1 1 0 0 3 1 0 0 1 4 2 4 0 1 2 1 3 1 2 4 2 3 3 2 4 1 1 2 2 4 3 2 1 3 1 4 4 4 4 4 4 2 2 4 3 2 4 3 4 1 0 0 4 1 2 3 2 4 1 4 4 4 4 4 4 4 1 3 3 2 2 4 3 2 1 4 1 4 3 4 4 1 4 4 4 4 1 1 4 3 2 2 2 4 3 2 1 4 1 4 1 1 1 1 1 4 1 4 3 2 3 1 2 1 0 1 1 1 3 4 1 3 4 2 3 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3 4 4 4 4 3 1 4 3 4 2 0 1 1 2 3 2 3 1 4 4 2 4 2 0 3 4 4 4 4 4 1 3 2 1 3 3 1 3 2 4 3 3 1 3 3 4 1 1 1 1 1 1 1 3 3 2 4 3 4 1 4 2 1 4 2 3 3 1 2 4 4 1 1 2 1 2 2 3 2 1 2 3 4 4 3 4 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 4 1 4 3 3 2 2 1 3 3 2 1 4 3 1 1 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 0 0 0 0 0 0 0 0 0 0 0 0 0 4 2 2 1 4 1 1 1 4 3 1 3 2 4 4 4 1 1 3 3 3 4 4 3 4 3 4 1 2 1 4 1 1 3 1 1 2 2 2 3 2 4 3 4 2 4 2 3 2 1 4 4 3 1 3 3 1 4 3 2 1 3 1 4 4 2 1 1 2 3 3 4 3 4 2 3 1 3 1 3 4 3 4 2 2 1 1 2 2 1 2 4 4 4 2 4 1 3 1 1 4 2 4 3 3 1 1 3 4 1 2 3 4 0 0 0 0 0 0 0 0 0 1 1 1 4 2 4 2 4 1 2 1 4 4 1 3 2 4 4 3 1 1 1 4 4 3 1 3 2 1 1 2 1 1 4 4 3 1 3 1 1 1 1 1 1 1 2 1 1 1 4 3 1 2 1 1 4 1 4 4 3 1 1 2 1 2 2 1 1 1 2 1 1 1 2 4 2 1 1 1 4 1 4 4 1 1 2 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 2 1 1 1 4 1 4 4 4 4 3 1 4 4 3 4 2 2 2 3 3 1 3 2 1 4 4 4 2 4 4 2 2 1 3 4 1 2 2 3 4 2 4 4 3 4 3 2 4 4 1 1 1 2 4 4 1 4 2 3 3 2 4 3 2 4 4 2 1 1 1 1 1 4 2 1 4 2 4 4 4 4 3\*\*

PRM1

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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 2 1 1 1 1 4 1 1 2 1 2 1 4 2 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 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 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 0 4 2 2 3 4 4 1 1 1 3 1 2 1 1 1 4 2 1 2 2 1 4 1 3 2 1 3 1 1 1 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 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 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 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 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 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 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 0 0 4 2 4 4 3 3 1 2 1 4 1 2 0 0 1 3 4 1 4 4 3 2 4 4 1 1 3 2 3 2 4 4 3 4 4 4 4 1 4 3 1 4 3 4 4 1 3 4 4 4 4 2 1 3 4 1 1 4 1 1 4 4 4 4 4 2 4 4 4 2 3 1 4 4 4 2 1 2 4 4 3 2 2 1 2 4 2 1 1 0 0 0 0 0 0 3 4 1 3 2 1 2 4 3 4 2 3 0 0 0 0 0 3 4 3 1 4 2 3 1 3 4 4 4 4 4 2 3 1 2 2 3 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 4 1 3 2 4 4 4 4 2 2 2 1 0 0 0 1 0 1 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 4 1 4 1 3 2 4 2 4 4 2 2 1 1 2 4 2 0 0 4 2 4 0 4 1 3 2 4 4 4 1 1 1 2 2 3 4 1 3 4 1 3 2 2 1 4 2 4 1 4 2 4 4 4 4 3 4 3 2 3 4 4 4 3 0 0 0 3 0 0 0 0 0 0 0 0 0 0 2 3 4 1 4 1 4 4 4 1 1 1 1 1 1 1 2 4 2 3 3 3 4 1 1 1 1 2 3 1 1 1 4 3 3 1 3 4 4 4 4 1 4 4 4 4 1 3 4 4 2 0 3 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 0 0 0 4 2 4 3 4 3 2 4 0 0 1 3 2 4 3 4 3 1 2 2 3 3 3 1 4 4 1 4 2 4 1 4 1 3 1 1 1 2 4 4 1 4 2 1 3 1 1 1 2 4 4 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 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 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 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 4 2 1 3 1 1 1 2 4 3 4 4 3 1 3 2 3 1 2 4 2 4 1 4 1 1 4 4 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 4 4 2 1 1 4 1 4 4 2 1 3 3 2 2 1 3 1 1 3 2 1 3 3 0 0 0 0 0 0 0 2 4 4 3 4 3 3 1 4 1 4 1 4 1 4 1 4 1 3 4 2 3 4 0 0 0 0 0 0 4 1 3 1 3 4 2 2 4 4 2 4 1 4 4 3 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 2 1 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 0 0 0 0 0 0 0 0 0 0 0 0 1 4 4 3 4 1 4 4 1 2 2 2 3 4 4 4 1 4 1 1 1 3 3 1 1 4 3 3 4 1 3 4 1 1 2 2 2 1 1 1 2 3 4 4 1 1 1 3 1 3 4 4 2 3 1 1 3 4 1 3 4 1 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 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 0 0 0 0 0 0\*\*

PRM2

0 0 0 0 0 0 0 0 0 0 0 0 1 4 1 2 2 1 4 2 0 0 2 4 4 4 4 4 3 3 1 3 1 3 3 3 2 1 1 4 1 4 2 1 1 1 1 1 1 2 1 1 1 4 2 1 4 2 1 1 1 4 3 4 1 2 1 1 1 1 1 4 3 4 1 2 2 1 1 1 1 3 4 4 1 2 1 1 2 2 4 4 1 1 3 4 4 4 3 4 2 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 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 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 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 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 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 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 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 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 3 2 1 1 1 4 4 4 0 4 3 2 3 4 3 0 0 1 0 0 0 0 1 1 1 1 3 4 1 1 0 1 4 3 4 4 4 2 4 2 2 4 0 0 0 0 4 2 4 3 4 1 4 2 3 1 4 1 4 2 4 2 3 4 1 0 0 0 0 0 0 0 0 0 0 0 0 0 4 4 2 0 0 0 0 0 0 2 1 2 1 4 1 4 3 2 3 3 1 1 2 1 4 1 1 1 2 1 3 1 1 4 4 2 4 4 3 4 4 3 3 1 4 2 1 1 3 4 4 4 3 1 3 4 1 4 4 2 1 2 4 4 4 4 4 4 2 4 4 3 4 3 1 4 2 4 4 1 4 1 3 4 4 4 4 1 2 1 1 1 1 3 2 2 1 1 2 4 1 1 3 1 2 4 1 1 3 0 0 0 1 2 4 1 1 3 4 4 1 2 2 2 2 3 4 1 1 4 1 2 4 1 1 3 1 2 4 3 2 4 4 1 1 1 2 3 3 4 3 4 4 3 3 3 3 3 2 4 4 2 1 4 1 3 1 1 2 2 3 1 3 1 4 4 3 3 0 0 0 0 0 1 3 4 1 4 1 1 4 2 1 2 4 0 0 0 4 4 1 3 1 3 1 2 4 0 0 2 4 4 1 1 1 2 4 4 2 1 1 2 1 3 3 3 4 4 1 4 4 1 4 1 1 1 4 1 4 4 1 4 3 1 1 3 4 3 4 1 1 4 1 1 2 1 1 3 4 1 1 4 1 4 3 4 3 3 2 3 4 2 4 3 2 1 1 4 1 2 1 1 4 4 1 1 1 1 2 3 2 2 4 4 1 4 3 3 1 1 1 3 3 4 4 3 4 4 2 4 1 1 3 3 1 4 1 1 1 1 2 4 1 1 2 3 3 1 3 2 4 3 2 0 0 0 0 0 0 4 1 1 1 1 4 4 1 1 2 4 3 4 4 1 1 4 1 4 4 2 2 3 1 2 2 1 1 3 1 4 2 3 3 1 1 4 1 4 4 2 4 3 2 4 2 4 1 1 4 1 1 3 4 4 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 0 4 4 4 1 3 1 1 1 1 4 4 4 4 4 1 3 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 4 3 2 2 2 4 3 1 0 0 0 0 0 0 0 0 4 4 1 4 4 4 4 2 4 1 1 1 4 2 4 1 4 1 3 2 1 4 1 2 1 1 3 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 0 0 0 0 0 0 0 0 0 0 0 0 3 2 2 2 1 1 1 4 1 4 1 4 4 2 4 1 3 1 4 4 4 3 2 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 0 0 0 0 0 0 0 0 0 4 4 4 4 4 4 2 1 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 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 0 0 0 0 0 0 0 0 0 0 4 3 4 4 2 4 2 1 4 4 2 4 1 3 3 2 1 1 4 4 3 1 4 3 2 1 3 4 4 4 4 1 2 1 4 2 4 2 2 4 2 1 1 1 1 2 3 4 0 0 0 0 0 0 1 4 4 4 4 2 1 4 4 3 4 3 1 4 2 3 3 2 4 4 0 0 0 4 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0\*\*

PRM6

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 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 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 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 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 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 4 4 2 3 4 4 4 3 4 2 3 3 4 1 1 3 2 2 4 4 3 1 4 1 2 2 0 0 0 4 4 1 4 3 2 4 3 1 4 4 3 3 3 2 2 4 4 4 4 2 1 1 1 1 1 3 1 1 3 4 4 2 4 4 4 3 4 4 4 1 3 3 2 0 0 1 3 1 3 3 4 4 3 3 2 3 2 0 0 0 0 0 3 1 1 1 1 1 4 2 1 1 1 4 3 3 4 2 1 1 1 3 4 4 4 4 0 2 1 1 1 2 1 1 3 2 0 0 3 1 4 4 4 1 1 2 1 3 1 1 1 4 4 3 1 2 1 3 4 4 4 2 1 1 1 2 0 0 0 4 4 2 1 2 1 3 1 4 0 1 1 4 4 4 1 1 1 3 1 1 1 1 4 4 3 4 1 3 1 3 2 3 4 2 3 3 2 3 4 2 3 1 4 4 4 4 1 3 3 1 4 4 4 3 4 4 4 4 4 3 4 4 4 4 1 3 4 4 1 3 4 1 4 3 1 4 4 4 1 2 4 1 4 2 1 3 4 4 4 4 2 3 4 4 1 3 4 1 2 1 3 4 4 4 2 4 4 1 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 4 4 4 4 4 4 3 4 1 4 1 1 1 3 1 4 1 4 1 4 4 0 0 0 4 1 1 4 1 1 2 4 3 2 2 4 1 3 2 1 2 4 4 4 2 2 1 0 0 0 2 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 4 3 4 1 1 4 4 4 0 0 0 0 0 0 0 4 4 1 2 4 4 1 4 4 0 0 0 0 1 3 3 4 1 1 4 4 1 1 3 4 4 4 3 2 2 2 1 3 3 4 3 0 0 2 1 0 0 3 3 2 4 1 1 1 1 1 1 4 2 2 4 2 4 1 1 3 1 2 1 4 4 3 4 3 3 3 4 4 4 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 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 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 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 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 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 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 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 0 0 0 0 0 0 3 3 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 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 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 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 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 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 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 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 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 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 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 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 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 0 0 0 4 4 4 4 1 3 4 2 4 4 2 4 4 0 0 0 4 3 2 3 2 1 4 4 4 1 4 0 0 0 0 0 0 0 0 0 0 0 0 0

SAG1

0 0 4 4 3 2 3 4 4 4 1 4 2 3 1 2 2 1 4 1 0 0 1 4 4 1 3 4 4 3 1 3 4 4 1 3 1 1 2 1 1 3 2 1 3 1 4 1 1 2 2 2 1 1 2 1 1 3 1 3 2 0 0 4 3 1 4 3 4 1 1 4 4 1 1 2 1 3 1 1 1 2 2 4 3 3 2 1 3 2 3 4 1 4 2 1 1 1 3 4 1 4 2 2 2 4 4 1 4 0 0 0 2 1 4 4 4 0 4 3 1 1 3 4 1 3 4 1 1 1 3 4 4 2 3 4 1 2 1 2 2 1 4 1 1 1 2 2 1 2 3 2 4 2 4 1 1 1 1 1 3 3 4 3 2 3 4 1 4 2 2 2 3 3 4 4 3 4 2 4 3 4 4 1 2 3 2 3 4 1 3 1 1 4 4 3 4 4 4 4 1 4 3 1 1 2 1 3 4 1 3 3 2 4 2 1 4 4 4 3 4 3 4 1 2 4 1 3 4 1 1 4 4 3 3 4 4 4 3 3 1 4 0 0 4 3 1 3 4 1 4 1 3 2 4 1 3 4 4 1 3 3 3 4 4 1 4 3 3 2 1 1 1 2 3 4 4 2 1 1 3 4 2 3 4 0 1 1 1 4 3 1 0 1 2 0 0 2 1 1 4 1 1 1 2 1 4 1 2 2 0 0 4 1 2 1 4 4 1 2 2 1 2 2 4 0 0 0 4 2 0 0 0 1 1 2 4 0 4 1 4 3 3 2 2 1 1 4 1 2 1 4 3 2 0 1 2 4 3 4 3 2 4 3 0 0 0 0 1 4 1 1 1 4 4 1 0 0 0 1 3 4 3 4 4 1 4 0 0 0 0 0 3 1 4 3 2 1 1 4 4 1 1 3 4 4 4 2 2 1 1 4 2 1 4 4 4 4 4 4 3 1 3 1 4 1 3 3 1 1 4 2 4 1 4 4 3 4 1 4 4 3 3 2 3 0 0 0 0 0 0 0 0 0 0 1 1 4 4 3 4 4 3 4 3 1 4 1 4 2 4 1 4 1 3 2 0 0 0 4 1 1 4 1 1 2 4 1 1 4 2 2 4 4 3 4 2 2 4 2 1 4 0 0 0 1 0 3 4 4 1 4 3 1 4 4 1 4 2 2 0 4 1 4 1 1 1 4 3 0 0 0 0 0 0 0 2 1 1 1 1 3 4 4 4 2 1 2 4 1 3 1 1 1 1 2 1 4 1 1 3 1 3 1 1 3 1 1 1 2 4 4 0 0 4 1 0 0 1 2 2 1 2 1 3 1 1 4 3 3 2 1 2 4 4 1 1 1 4 3 3 1 1 4 4 1 1 4 4 4 1 1 4 1 4 4 4 4 4 0 0 0 4 4 1 4 1 4 4 4 4 0 4 4 1 4 4 4 3 4 4 4 3 1 1 1 4 1 2 2 4 1 2 3 1 2 4 2 2 1 2 4 4 1 1 2 4 4 1 3 3 4 3 1 4 4 4 2 4 3 1 1 1 2 0 4 4 2 4 2 1 3 4 3 1 3 3 1 3 4 4 4 2 4 0 0 0 0 0 1 1 3 4 4 2 4 4 2 1 4 2 4 0 0 1 3 2 4 3 1 1 1 2 2 2 3 2 2 4 2 3 4 3 3 2 4 4 3 1 3 1 4 3 3 1 2 2 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 3 1 2 2 4 1 1 1 2 3 2 1 1 1 3 0 1 1 1 1 3 2 4 3 3 1 2 4 1 1 3 4 1 3 4 2 2 1 4 4 1 0 0 1 4 3 3 4 4 3 3 1 4 3 4 4 3 2 2 3 2 1 2 2 4 3 2 1 2 3 4 1 4 4 3 3 4 4 4 1 3 2 1 4 4 3 3 3 1 4 2 1 2 3 2 2 1 1 1 3 3 1 3 1 1 1 1 4 2 2 4 1 4 2 4 4 1 3 3 2 4 3 2 1 1 1 4 1 3 1 2 4 2 1 1 2 4 1 1 2 1 1 2 4 3 1 4 4 2 3 3 2 3 2 1 1 4 4 4 1 4 1 1 2 2 2 4 4 4 4 4 2 3 1 1 4 2 4 4 1 0 0 0 0 0 0 0 3 3 4 4 1 1 3 1 1 1 3 4 1 2 4 1 3 1 4 4 2 3 4 4 4 1 3 2 4 4 1 2 1 1 2 1 4 4 4 4 4 4 4 4 4 3 2 2 4 1 3 1 3 4 4 1 2 4 4 4 4 4 4 4 3 4 1 1 2 2 1 0 1 1 1 4 3 2 4 1 4 2 1 4 1 4 4 4 1 4 0 0 0 0 0 1 3 2 3 4 4 4 1 3 2 2 2 1 2 1 4 1 1 1 4 1 1 2 1 4 3 1 4 4 1 2 3 1 2 2 4 1 1 2 1 2 4 1 4 1 2 1 1 2 2 1 1 4 1 4 1 2 4 3 1 2 3 2 2 1 2 3 2 1 1 4 4 1 4 1 4 3 1 0 0 0 0 0 0 2 4 3 2 4 2 4 4 4 4 3 3 4 4 2 4 4 2 4 4 0 0 0 1 1 2 3 2 2 4 3 1 1 1 1 2 4 4 4 0 0 0 0 0 0 0 0

YDR124W

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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 2 1 2 2 1 1 1 3 2 1 3 1 1 2 0 0 2 4 1 3 1 4 1 1 1 4 1 1 0 0 0 0 0 0 0 0 0 1 4 1 1 3 2 4 2 3 1 2 4 4 2 3 4 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 4 1 3 3 4 4 2 2 3 4 4 2 2 4 4 1 1 1 2 3 4 4 1 1 3 2 1 1 4 1 3 4 2 3 2 2 4 4 4 1 4 2 1 3 4 1 1 4 2 4 4 1 4 4 3 4 1 4 1 3 4 1 3 4 3 4 0 1 3 4 3 2 2 1 1 1 4 4 1 2 4 2 1 3 4 4 4 4 4 4 4 1 1 2 4 2 4 1 3 1 3 1 3 1 1 3 1 4 2 1 1 3 3 4 2 4 3 3 1 3 1 2 4 4 2 3 2 2 2 1 3 2 2 3 4 1 3 4 2 3 3 4 3 3 3 4 3 4 1 4 3 4 4 4 4 0 2 2 3 3 2 3 4 0 4 1 1 1 1 1 0 1 4 0 0 2 2 1 2 2 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3 2 1 3 4 4 0 0 0 4 4 4 4 3 3 1 1 4 3 3 1 1 3 3 1 1 2 2 4 1 2 1 3 2 2 3 2 4 2 1 4 1 3 3 4 3 3 3 1 3 4 1 1 2 4 4 2 3 3 4 4 4 4 3 3 2 3 2 0 0 0 0 0 0 0 0 4 3 3 4 4 3 1 3 2 4 3 1 4 3 1 3 4 2 2 3 3 2 4 4 3 2 4 3 2 4 1 3 1 1 3 4 4 4 3 4 2 4 1 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 0 1 3 1 1 3 3 3 4 4 4 1 2 0 0 0 2 1 3 1 1 1 3 4 3 1 2 2 1 3 3 1 3 1 3 1 2 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 2 4 1 1 2 1 2 0 0 0 2 1 4 2 2 4 1 1 1 3 1 4 3 2 0 0 0 0 0 0 0 1 3 3 2 3 1 4 3 4 1 1 1 3 3 1 1 1 3 4 0 0 3 1 0 0 3 1 3 3 1 1 3 3 1 1 4 4 1 1 2 4 1 4 1 1 4 4 3 2 0 3 1 1 3 4 3 4 1 1 4 1 4 4 1 4 4 0 0 0 1 4 3 4 4 4 1 4 4 1 3 3 4 4 3 4 3 3 2 4 2 1 2 3 4 1 2 2 4 1 4 1 1 4 1 2 4 4 3 3 4 1 1 2 4 4 4 3 1 4 4 2 1 2 4 3 4 1 2 1 3 2 4 3 1 4 4 4 3 3 4 3 4 3 4 1 3 2 3 4 2 1 0 0 0 0 0 3 4 3 4 4 2 4 4 4 1 1 2 2 1 1 1 3 2 4 4 1 3 3 2 4 1 2 3 3 2 4 4 1 3 3 2 4 2 4 4 1 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 3 3 4 4 2 1 1 1 1 1 2 1 1 3 1 4 2 1 3 1 1 3 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 4 0 0 0 0 0 0 4 4 2 4 3 2 4 2 3 2 1 3 2 4 3 1 1 3 2 4 1 2 4 3 3 3 1 1 3 1 1 1 1 4 4 3 1 1 3 0 0 0 0 0 1 1 3 1 4 3 1 4 4 1 2 1 2 3 2 3 4 2 2 1 3 4 3 4 2 4 1 2 2 1 1 3 4 4 3 0 0 0 0 0 0 0 0 0 0 0 0 2 3 3 1 3 2 2 0 0 0 1 3 2 3 4 4 3 1 2 1 1 4 3 1 3 4 4 3 4 3 1 1 1 4 4 3 4 1 0 0 0 0 0 0 0 1 4 3 4 4 3 1 4 1 4 1 4 3 2 4 1 2 3 4 4 3 3 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 4 1 3 3 2 2 2 4 4 2 1 3 4 4 3 2 4 3 3 1 1 2 2 1 2 1 3 2 1 1 3 1 1 1 2 1 2 4 3 2 1 1 4 1 4 1 4 4 4 0 0 0 0 0 3 3 4 1 3 3 4 1 1 3 2 3 1 4 1 3 1 4 1 4 2 4 1 3 1 3 2 4 1 1 1 3 1 3 2 3 1 4 2 3 0 0 0 0 0 0 0 1 2 4 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 2 3 4 1 4 3 4 3 1 0 0 0 0 0 0 2 4 3 2 1 1 4 4 3 1 4 2 4 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 0 0 0 0 0 0 0 0 0