```
as2.core=> (time (a-star "map1.txt"))
[+-------------------------------+]
[|_____|]
[|_____XXXXXX_____X_____|]
[|_____XXXXXXX_____XX_____|]
[|_____XXXX_____XG***_____|]
[|_____XXXX_____XXXX*_____|]
[|___XX_____XXX*_____|]
[|___XXX_____********_____|]
[|_____XXS***********XXXXXXX_____|]
[|___XXXXXX_____XXX_____X_____|]
[|____XXX_XXXXXXXXX_____XX_____|]
[|_____XXXXXX_____X_____|]
[|_____|]
[+-------------------------------+]
NUMBER OF EXPANDSIONS:  93
"Elapsed time: 124.478517 msecs"
:FOUND_A_PATH
```

```
as2.core=> (time (best-first "map1.txt"))
[+------------------------------+]
[|_____***_____|]
[|_____XXXXXX_____*X**_____|]
[|_____XXXXXXX____*XX*_____|]
[|_____XXXX____*XG*_____|]
[|_____XXXX____*XXXX_____|]
[|___XX_____*_XXX_____|]
[|___XXX_____****_____|]
[|_____XXS***********XXXXXXX_____|]
[|___XXXXXX_____XXX_____X_____|]
[|____XXX_XXXXXXXXX_____XX_____|]
[|_____XXXXXX_____X_____|]
[|_____|]
[+------------------------------+]
NUMBER OF EXPANDSIONS:  32
"Elapsed time: 23.452285 msecs"
:FOUND_A_PATH
```

```
as2.core=> (time (a-star "map2.txt"))
[+-----------------------------------+]
[|_____|]
[|_____XXXXX_____|]
[|_____XXXXXXX_____|]
[|_____XXXXXXXXX_____|]
[|_____XXXXXXXG*_____|]
[|_____XXXXX****_____|]
[|_____XXXXXXXXX*_____|]
[|_____XXXXXXXXXXX*____|]
[|_____XXXXXXXXXXXX**_____|]
[|_____XXXXXXX*****_____|]
[|_____XXXXXXXXXX*_____|]
[|_____XXXXXXXXX**_____|]
[|_____XXXXXXXXXX*_____|]
[|_____XXXXXXXXX**_____|]
[|_____XXXXXXXX*_____|]
[|_____X*****_____|]
[|_____*******_____|]
[|_____*_____|]
[|_____***_____|]
[|_____*_____|]
[|_____**_____XXXXX_____|]
[|_____*_____XXXXXX_____|]
[|_____*_____XXXXXXX_____|]
[|_____*___XXXXXX_____|]
[|_____*__XXXXXXX_____|]
[|_____SXXXXXXXXX_____|]
[|_____XXXXXXXX_____|]
[|_____XXXXXXX_____|]
[|_____XXXXXXXX_____|]
[|_____XXXXXX_____|]
[|_____|]
[+-----------------------------------+]
NUMBER OF EXPANDSIONS:  494
"Elapsed time: 2552.836168 msecs"
:FOUND_A_PATH
```

```
as2.core=> (time (best-first "map2.txt"))
[+----------------------------------+]
[|_____|]
[|_____XXXXX_____|]
[|_____XXXXXXX_____|]
[|_____XXXXXXXXX_____|]
[|_____XXXXXXXG*____|]
[|_____XXXXX****_____|]
[|_____XXXXXXXXX*____|]
[|_____XXXXXXXXXX*____|]
[|_____XXXXXXXXXXX**___|]
[|_____XXXXXXX*****____|]
[|_____XXXXXXXXXX*_____|]
[|_____XXXXXXXXX**_____|]
[|_____XXXXXXXXXX*_____|]
[|_____XXXXXXXXX**_____|]
[|_____XXXXXXXX*_____|]
[|_____***X*****_____|]
[|_____***_***_____|]
[|_____*_____|]
[|_____***_____|]
[|_____*_____|]
[|_____**_____XXXXX_____|]
[|_____*_____XXXXXX_____|]
[|_____*_____XXXXXXX_____|]
[|_____*___XXXXXX_____|]
[|_____*__XXXXXXX_____|]
[|_____SXXXXXXXXX_____|]
[|_____XXXXXXXX_____|]
[|_____XXXXXXX_____|]
[|_____XXXXXXXX_____|]
[|_____XXXXXX_____|]
[|_____|]
[+----------------------------------+]
NUMBER OF EXPANDSIONS:  50
"Elapsed time: 66.67409 msecs"
:FOUND_A_PATH
```

```
as2.core=> (time (a-star "map3.txt"))
[+------------------------------------------+]
[|_____||]
[|_____XXXXXXXXXXXXX_____||]
[|____XXXXXXXXXXXXXXX_____||]
[|___XXXX_____XXXX_____||]
[|_____XXXXX_____||]
[|_____XXXXX_____||]
[|_____XXXX_____||]
[|_____XXXX_____||]
[|_____XXXXX_____||]
[|_____XXXX_____XXXXXG*****___||]
[|_____SXXX_____XXXXXXXXXXXXXX**__||]
[|_____*XXXX_____XXXX_____XXXXX*__||]
[|_____*XXXXXX___XXXXXX_____XXXXX*__||]
[|_____***XXXXXXXX_____XXXX***__||]
[|_____****XXXXX_____XXXX**_____||]
[|_____*************__XXXX**_____||]
[|_____*XXXX***_____||]
[|_____******_____||]
[+------------------------------------------+]
NUMBER OF EXPANDSIONS:  261
"Elapsed time: 1450.988148 msecs"
:FOUND_A_PATH
```

```
as2.core=> (time (best-first "map3.txt"))
[+------------------------------------------+]
[|_____||]
[|_____XXXXXXXXXXXXX_____||]
[|_____XXXXXXXXXXXXXXX_____||]
[|___XXXX_____XXXX_____||]
[|_____XXXXX_____||]
[|_____XXXXX_____||]
[|_____XXXX_____||]
[|_____XXXX_____||]
[|_____XXXXX_____||]
[|_____XXXX_____XXXXXG*****___||]
[|_____SXXX_____XXXXXXXXXXXXX**__||]
[|_____*XXXX_____XXXX_____XXXXX*__||]
[|_____*XXXXXX___XXXXXX_____XXXXX*__||]
[|_____***XXXXXXXX_____XXXXX***__||]
[|_____****XXXXX_____XXXX**_____||]
[|_____*************__XXXX**_____||]
[|_____*XXXX***_____||]
[|_____******_____||]
[+------------------------------------------+]
NUMBER OF EXPANDSIONS:  64
"Elapsed time: 10660.928397 msecs"
:FOUND_A_PATH
```