KIN-KON-KAN

Fill in some cells with diagonal lines ("mirrors") such that each region in the grid (indicated by thick black lines) contains exactly one mirror.

The letter-number pairs at the sides of the grid should be connected by straight lines ("laser beams") that bounce of the same number of mirrors as the number in the letter-number pair.

Each mirror must reflect at least one laser beam.

G2 B3 A3

F2

F2

D3   C2

C2

E1

A3

B3

D3 E1 G2