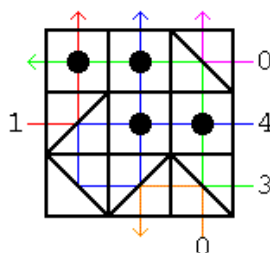# Mirror Puzzles

Each square in the grids below contains either a person lost in the hall of mirrors, or a diagonal mirror. The numbers at the sides of the square indicate how many people can be seen from that location when looking either horizontally or vertically. Here's an example:

The colored paths are the paths of sight. Notice that a person can be counted twice.

Each puzzle below has a unique solution. All puzzles copyright Erich Friedman, 1997.

Puzzle 1:
Top: 0 1 3
Left: 2 / 2
Bottom: 2

[Solution]

Puzzle 2:
Left: 7 / 7 / 7
Bottom: 1

[Solution]

Puzzle 3:
Top: 2
Left: 0   Right: 0
Bottom: 5 1 1 5

[Solution]

Puzzle 4:
Top: 1 5
Left: 3 / 0
Bottom: 2

[Solution]

Puzzle 5:
Right: 10
Bottom: 6

[Solution]

Puzzle 6:
Top: 5 7
Left: 5 / 2 / 1

[Solution]

Puzzle 7:
Left: 0
Bottom: 4 0 3

[Solution]

Puzzle 8:
Left: 6 / 7
Bottom: 3

[Solution]

Puzzle 9:
Left: 6 / 10

[Solution]

Puzzle 10:
Right: 2
Bottom: 3 4 5 6

[Solution]

Puzzle 11:
Left: 2 / 1   Right: 4 / 0 / 1
Bottom: 4 2 4

[Solution]

Puzzle 12:
Top: 1 3
Left: 2   Right: 0
Bottom: 3 4 5 6 7

[Solution]

Puzzle 13:
Top: 2
Left: 3 / 0 / 6   Right: 3 / 0 / 6

[Solution]

Puzzle 14:
Top: 1 2 2 1
Bottom: 1

[Solution]