Haunted Mirror Mazes

Instructions

In each grid, determine whether each empty square contains a zombie, a vampire, a ghost, or a werewolf. The number of each is provided beside the grid.

Clues outside the grid describe how many monsters can be seen looking into the grid from that position. Line of sight includes the nearest row or column, turning 90 degrees when mirrors reflect.

Vampires do not have reflections and can only be seen directly. Ghosts cannot be seen directly and can only be seen reflected in mirrors. Zombies are always seen.

Werewolves!

This variant was invented by a teacher in Campinas, SP, Brazil and was shared with me by Wagner Gerlach.

Some of the monsters inside each grid are werewolves!

A werewolf seen directly counts once. A werewolf seen reflected in a mirror counts as the number of mirrors in which it is reflected in the viewer's line of sight.

For example, if there are two mirrors between the viewer and the werewolf, the viewer sees two reflections.

Puzzle a

```
       2   0   3   0
     +---+---+---+---+
  7  |   | \ |   | / |  2
     +---+---+---+---+
  3  |   |   |   | / |  2
     +---+---+---+---+
  1  | / |   | \ |   |  0
     +---+---+---+---+
  0  |   | \ |   |   |  4
     +---+---+---+---+
       3   1   3   1
```

3 Ghosts
3 Vampires
2 Zombies
2 Werewolves

Puzzle b

```
       1   1   3   2
     +---+---+---+---+
  4  |   | \ |   |   |  2
     +---+---+---+---+
  2  |   |   |   | / |  1
     +---+---+---+---+
  2  | / | \ | / |   |  1
     +---+---+---+---+
  2  |   |   |   | \ |  1
     +---+---+---+---+
       3   2   1   3
```

3 Ghosts
3 Vampires
2 Zombies
2 Werewolves

Puzzle c

```
       1   1   2   1
     +---+---+---+---+
  3  | \ |   |   | / |  2
     +---+---+---+---+
  1  |   |   | / |   |  5
     +---+---+---+---+
  1  | \ | \ |   |   |  4
     +---+---+---+---+
  5  |   |   | / |   |  0
     +---+---+---+---+
       1   1   1   2
```

3 Ghosts
3 Vampires
2 Zombies
2 Werewolves

Puzzle d

```
       2   1   2   2
     +---+---+---+---+
  0  |   | / |   |   |  3
     +---+---+---+---+
  2  | \ |   | \ |   |  1
     +---+---+---+---+
  4  |   | / |   | / |  0
     +---+---+---+---+
  1  |   |   | \ |   |  3
     +---+---+---+---+
       1   4   1   1
```

3 Ghosts
3 Vampires
2 Zombies
2 Werewolves

Puzzle e

```
       1   3   1   1
     +---+---+---+---+
  1  | \ |   |   | / |  2
     +---+---+---+---+
  3  |   |   | \ |   |  1
     +---+---+---+---+
  3  |   | \ |   |   |  3
     +---+---+---+---+
  1  |   | \ |   | \ |  2
     +---+---+---+---+
       3   0   3   4
```

3 Ghosts
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2 Zombies
2 Werewolves

Puzzle f

```
       2   2   2   4
     +---+---+---+---+
  1  |   |   | / |   |  3
     +---+---+---+---+
  1  |   | \ |   | / |  1
     +---+---+---+---+
  3  |   | / |   | \ |  1
     +---+---+---+---+
  2  | / |   |   |   |  2
     +---+---+---+---+
       2   1   2   1
```

3 Ghosts
3 Vampires
2 Zombies
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