## MIRROR MANSION

Welcome to Mirror Mansion, a haunted funhouse populated with vampires and zombies. In each of the puzzles below, a third of the rooms are home to vampires and a third are home to zombies. Each room in the remaining third contains a double-sided mirror that bisects the room diagonally. The number outside each entrance is the number of vampires and zombies you'd see looking in that door. Of course, zombies can be seen both directly and in mirrors, but vampires can only be seen directly, since they don't appear in mirrors. For example, the 2 on the right side of the sample plan below indicates you'd see two ghouls looking in that door: the vampire in the top right room and the reflection of the zombie in the center room; the vampire in the bottom center room would have no reflection. Can you place the vampires, zombies, and mirrors in each section below?













