



Problem of the Week

Problem D

True or False

On an island, there are two types of inhabitants: Heroes, who always tell the truth, and Villains, who always lie.

Four of the inhabitants of the island are seated around a circular table. When asked, “Are you a Hero or a Villain?”, all four replied, “Hero.” When asked, “Is the person on your right a Hero or a Villain?”, all four replied, “Villain.”

How many Heroes are there seated at the table? Verify that your solution is the only possible solution.

