

Maths Murder Mystery 9 – Murder in Mallorca

The Hotel Avalon in Mallorca was enjoying a busy year. However in August, most of the guests were not enjoying their stay there. Problems centred around the Gobbler family. Every morning at 6am, Billy Gobbler would go to the swimming pool and put down towels on $\frac{3}{4}$ of the sun beds to reserve them for his family. At meal times, one of the Gobbler family would stand at the front of the queue and then let the rest of the family in. They would pile their plates high with chips. Other guests had less choice.

One of their favourite games was Squirt the Book. Armed with water blasters, they terrorised anyone reading on the $\frac{1}{4}$ of sun beds not reserved for their family. They awarded themselves 2 points for hitting the cover of a book or a newspaper and 5 points for hitting the inside of book. A direct hit on a phone or tablet scored 10 points.

However on Thursday all this came to end. Someone had obviously had enough and Billy Gobbler was discovered murdered.

The 32 guests who were not members of the Gobbler family were considered suspects by the Spanish Police who found 5 clues. These clues refer to the murderer as “m”. In clues 1-4: a=1, b=2 c=3 etc.

Can you help the police to crack the codes and discover who killed Billy Gobbler?

