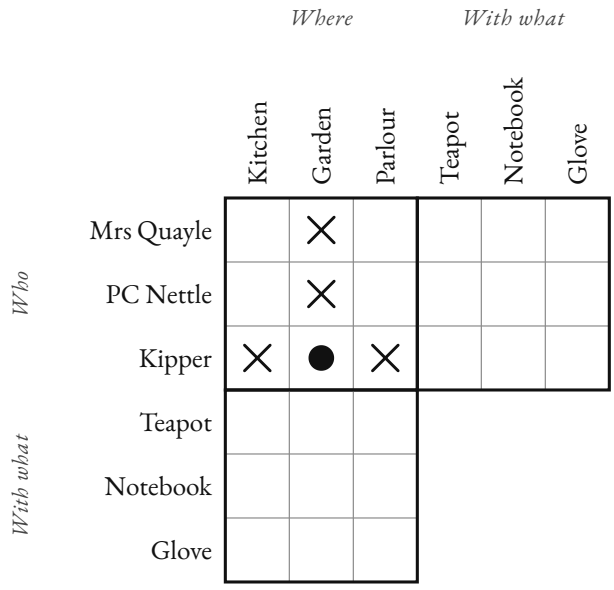
How to play

1. **One each.** Every suspect was in exactly one place and had exactly one thing. No two suspects shared a place or a thing.
2. **Things go where their holders go.** If the Vicar had the hymn book and was in the vestry, the hymn book was in the vestry.
3. **Every clue is true**, and every case has exactly one answer. You never need to guess.

Reading the clues

"Either A or B"	Exactly one of them is true.
"Neither A nor B"	Both are false.
"Of A and B, one... and the other..."	Each of A and B does exactly one of the two things, and they do different ones.
"...but not both"	One of the two statements is true and the other is false.
"Had"	Was holding at the time.

Using the grid



Each square pairs two things. Put a **cross** where a pairing is impossible and a **dot** where it must be true.

Say we learn that Kipper was in the garden. Put a dot there, then cross out the rest of Kipper's row and the rest of the garden's column, as above. Nobody else was in the garden, and Kipper was nowhere else.

A row with only one square left uncrossed must take the dot.

Finally, **cross-reference**. If Kipper was in the garden and had the glove, then the glove was in the garden. The lower block of the grid is there for exactly that.

Work in pencil. Every solution at the back walks through the reasoning step by step, so if you get stuck you can read just far enough to get going again.

CASE I

■□□ *One lump*

Death of a Jam Judge

The Upper Mallowby summer fête had survived rain, wasps and the year the donkey ate the raffle prizes, but it had never before lost a judge. Mr Septimus Crowe had come over from Cheltenham to judge the preserves. By half past two he had called the winning damson jam "brave". By half past three he was lying behind the bunting, felled by a single blow from a toffee hammer.

PC Nettle soon found that three villagers had each been at a different stall, each holding something they should not have had. Mrs Quayle bought a raffle ticket, sat down on a hay bale and asked him to read out his notebook. Slowly, please.

Who struck Mr Crowe with the toffee hammer, and where was everyone?

Constable Nettle's notebook

1. Mrs Lockyer had neither the toffee hammer nor the cake slice. She has never trusted toffee.
2. The toffee hammer was not at the coconut shy.
3. Miss Gosling, who runs the post office and therefore knows everything, had neither the croquet mallet nor the toffee hammer.
4. Neither Mrs Lockyer nor Miss Gosling was at the tombola.
5. The cake slice was either at the coconut shy or at the tombola.

		Where			*With what*		
		Jam tent	Tombola	Coconut shy	Croquet mallet	Toffee hammer	Cake slice
Who	Mrs Lockyer						
	The Major						
	Miss Gosling						
With what	Croquet mallet						
	Toffee hammer						
	Cake slice						

Who	*Where*	*With what*
Mrs Lockyer		
The Major		
Miss Gosling		

Kipper's herring
Which clue was true but not needed?

No.

Solutions

CASE 1 *Death of a Jam Judge* ■□□

Who	*Where*	*With what*
Mrs Lockyer	Jam tent	Croquet mallet
The Major	**Tombola**	**Toffee hammer**
Miss Gosling	Coconut shy	Cake slice

The Major, at the tombola, with the toffee hammer. For eleven years Mr Crowe had described the Major's Seville marmalade as "enthusiastic". In the twelfth year the Major brought a hammer. Mrs Quayle says the marmalade is in fact very good, and she will be visiting him with a jar.

Kipper's herring: clue 2. It is true, but the case closes without it, and every other clue is needed.

How it unravels *Graded at 13 deduction steps; linked steps are grouped below.*

1. **Clue 1.** Mrs Lockyer didn't have the toffee hammer or the cake slice.
2. **Clue 3.** Miss Gosling didn't have the croquet mallet or the toffee hammer.
3. **Clue 4.** Neither Mrs Lockyer nor Miss Gosling was at the tombola.
4. By elimination, Mrs Lockyer had the croquet mallet; Miss Gosling had the cake slice; the Major had the toffee hammer; the Major was at the tombola. ***There is our culprit.***
5. The Major was at the tombola, so the croquet mallet wasn't at the tombola; the toffee hammer was at the tombola.
6. **Clue 5.** The cake slice wasn't at the tombola, so the cake slice was at the coconut shy.
7. By elimination, the croquet mallet was in the jam tent.
8. Mrs Lockyer had the croquet mallet, and the croquet mallet was in the jam tent, so Mrs Lockyer was in the jam tent.
9. By elimination, Miss Gosling was at the coconut shy.

Why every answer is certain

Every case in this book has been checked twice by computer before it reached the page. First, every possible arrangement of suspects, places and things was tried against the clues (for a five-suspect case that is 14,400 arrangements), and exactly one survived. Second, each case was solved from the clues alone, one plain deduction at a time with no guessing, exactly as you would solve it in pencil. The steps above come from that second check. The same test confirmed that Kipper's herring really can be left out, and that no other clue can.