

# Doggo’s Birthday

TUESDAY · 9 CLUES · 6 GUESTS

It was the Doggo’s Birthday at the caravan, and the Seekers are feeling slippery: each of the 6 tells you exactly two things, one true and one false. Auntie’s numbered facts all hold. Settle who ordered which cup, and fill the grid.

 **One truth and one lie from each: untangle the grid**

|                                                                                           | Goat-milk | Tarry | Honeyed | Frothy | Chicory | Spiced |
|-------------------------------------------------------------------------------------------|-----------|-------|---------|--------|---------|--------|
|  Anne    |           |       |         |        |         |        |
|  Dan     |           |       |         |        |         |        |
|  Elanna  |           |       |         |        |         |        |
|  Ivan    |           |       |         |        |         |        |
|  Kattia  |           |       |         |        |         |        |
|  Minty |           |       |         |        |         |        |

Mark each cell: ✕ ruled out · ● confirmed.

## The clues

### AUNTIE PEARL’S LEDGER: THESE FACTS ARE ALWAYS TRUE

- 1. Minty ordered the Honeyed cup.
- 2. Dan didn’t order the Spiced cup.
- 3. If Dan ordered the Frothy cup, then Kattia ordered the Tarry cup.

### WHAT THE SEEKERS SAID

- 4.  Minty says two things: “Elanna ordered the Chicory cup.” “Anne ordered the Goat-milk cup.” (one is true, one is false)
- 5.  Ivan says two things: “Anne ordered the Chicory cup.” “Dan ordered the Frothy cup.” (one is true, one is false)
- 6.  Kattia says two things: “Anne ordered the Goat-milk cup.” “Ivan ordered the Spiced cup.” (one is true, one is false)
- 7.  Anne says two things: “Dan ordered the Frothy cup.” “Kattia ordered the Chicory cup.” (one is true, one is false)
- 8.  Dan says two things: “Elanna ordered the Frothy cup.” “I ordered the Frothy cup.” (one is true, one is false)
- 9.  Elanna says two things: “Anne ordered the Chicory cup.” “I ordered the Spiced cup.” (one is true, one is false)

## Answer: Doggo's Birthday

 A gentle day: no culprit. Full solution below.

|                                                                                          | Goat-milk | Tarry | Honeyed | Frothy | Chicory | Spiced |
|------------------------------------------------------------------------------------------|-----------|-------|---------|--------|---------|--------|
|  Anne   | ●         | X     | X       | X      | X       | X      |
|  Dan    | X         | X     | X       | ●      | X       | X      |
|  Elanna | X         | X     | X       | X      | X       | ●      |
|  Ivan   | X         | X     | X       | X      | ●       | X      |
|  Kattia | X         | ●     | X       | X      | X       | X      |
|  Minty  | X         | X     | ●       | X      | X       | X      |

### Step-by-step proof

- From clue 1: Minty ordered the Honeyed cup.
- From clue 2: Dan didn't order the Spiced cup.
- Only one possibility remains: Anne didn't order the Honeyed cup, Dan didn't order the Honeyed cup, Elanna didn't order the Honeyed cup, Ivan didn't order the Honeyed cup, and Kattia didn't order the Honeyed cup.
- Suppose Anne ordered the Tarry cup. Then clue 9 would be broken. Anne didn't order the Tarry cup.
- Suppose Anne ordered the Frothy cup. Then clue 9 would be broken. Anne didn't order the Frothy cup.
- Suppose Anne ordered the Chicory cup. Then clue 8 would be broken. Anne didn't order the Chicory cup.
- From clue 5: Dan ordered the Frothy cup.
- From clue 3: Kattia ordered the Tarry cup.
- From clue 8: Elanna didn't order the Frothy cup.
- From clue 9: Elanna ordered the Spiced cup.
- From clue 4: Anne ordered the Goat-milk cup.
- From clue 6: Ivan didn't order the Spiced cup.
- Only one possibility remains: Ivan ordered the Chicory cup.