Name: Datum:

Lost Property: A Logic Puzzle

Who lost what? Clothes and school rooms

The lost property box is full! Four pupils lost a piece of clothing at school last week. The caretaker found the things in four different rooms. Who lost what? Where was it?

1 Read the clues. Use the grid: put ✓ for "yes" and ✗ for "no".
Lies die Hinweise. Trage im Gitter ✓ (stimmt) und ✗ (stimmt nicht) ein.

1. The **cap** was in the **gym**.
2. Chloe's lost thing was in the **music room**.
3. The **scarf** wasn't in the **art room**.
4. Dan's lost thing wasn't in the **gym** or in the **library**.
5. The **gloves** were in the **library**.
6. Ben didn't lose his **gloves**.

	 scarf	 cap	 jacket	 gloves	gym	art room	music room	library
Amy								
Ben								
Chloe								
Dan								

2 Fill in the table.
Trage die Lösung in die Tabelle ein.

Name	lost thing	found in the …
Amy		
Ben		
Chloe		
Dan		

3 Write sentences.
Schreibe Sätze wie im Beispiel.

Example: ___ lost his / her … . It was / They were in the … .

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Lost Property: A Logic Puzzle – Lösung

	 scarf	 cap	 jacket	 gloves	gym	art room	music room	library
Amy	✗	✗	✗	✓	✗	✗	✗	✓
Ben	✗	✓	✗	✗	✓	✗	✗	✗
Chloe	✓	✗	✗	✗	✗	✗	✓	✗
Dan	✗	✗	✓	✗	✗	✓	✗	✗

Name	lost thing	found in the …
Amy	gloves	library
Ben	cap	gym
Chloe	scarf	music room
Dan	jacket	art room

So kommt man drauf

1. Hinweise 1 und 5: Die **cap** lag in der **gym**, die **gloves** in der **library**.
2. Hinweis 2: Chloe → **music room**. Hinweis 4: Dan nicht gym, nicht library → also **art room**.
3. Damit bleiben gym und library für Amy und Ben, also cap und gloves. Hinweis 6: Ben nicht gloves → **Ben: cap, gym**; **Amy: gloves, library**.
4. Scarf und jacket gehören Chloe und Dan. Hinweis 3: Der scarf war nicht im art room → **Chloe: scarf**, **Dan: jacket**.

Aufgabe 3

Amy lost her gloves. They were in the library. · Ben lost his cap. It was in the gym. · Chloe lost her scarf. It was in the music room. · Dan lost his jacket. It was in the art room.

Die Lösung ist eindeutig, und jeder der sechs Hinweise wird gebraucht (alle 576 Möglichkeiten vom Generator geprüft). Achtung: **gloves** ist Mehrzahl → *They were …*; scarf, cap, jacket → *It was …*. Wortschatz: gym = Turnhalle, art room = Kunstraum, library = Bibliothek, caretaker = Hausmeister, lost property = Fundsachen.

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