PRINTABLE DEDUCTION FOR TWO

Cabinet of Echoes

Reconstruct a museum display from two incomplete archives.



A cabinet has been emptied, its glass panel turned dark, and two accession labels switched. One of you holds the curator's notes, the other the conservator's records. Rebuild the display without looking at each other's sheets.

2 PLAYERS / ONE COMPLETE FREE CASE / ENGLISH PDF

Before you start

Give the next page only to Player A and the page after it only to Player B. Do not show sheets; speaking and shared notes are allowed. Read hints together only when needed. The final page contains the answer. One fixed-answer case; no timer or other purchase required.

CASE 01 / PRIVATE A / Curator

Six places in the cabinet

> **Your joint task**
> Place the six objects A-F into a cabinet with two rows and three columns. Use each object once and fill every place. Give the top row, then the bottom row, both left to right.

All directions refer to the cabinet viewed from the front. Top and bottom rows have three places each. A relation such as left of compares column numbers, even across rows. Immediately left means the adjacent place in the same row.

Code	Object
A	Arch
B	Bell
C	Cup
D	Disc
E	Eye
F	Fan

1. A is in a column to the left of B.
2. C is in the bottom row.
3. D is in the leftmost column.

JOINT ANSWER / AGREE BEFORE CHECKING

CASE 01 / PRIVATE B / Conservator

Six places in the cabinet

> **Your joint task**
> Place the six objects A-F into a cabinet with two rows and three columns. Use each object once and fill every place. Give the top row, then the bottom row, both left to right.

The object codes A-F appear in your partner's inventory. Directly above means the same column in the top row. These notes are all reliable.

1. B is in the rightmost column.
2. F is immediately to the right of D, in the same row.
3. E is directly above F.

TOP 1: _____	TOP 2: _____	TOP 3: _____
BOTTOM 1: _____	BOTTOM 2: _____	BOTTOM 3: _____

JOINT ANSWER / AGREE BEFORE CHECKING

OPTIONAL HELP / SPOILERS

Hints, one at a time.

Fold this page or cover later hints with scrap paper. Both players should agree before reading a hint.

01 / Six places in the cabinet

Hint 1. The E/F vertical pair fixes which row contains F. Combine this with the D/F horizontal pair.

Hint 2. F must be in the bottom row, D in bottom-left, F bottom-middle, and E top-middle. Locate C and B next.

Original puzzle text and deterministic solution checks were prepared with AI assistance. Cover illustration: Gemini. Layout direction: Google Stitch, implemented and checked by Codex. No independent human playtesting or native-language review is claimed. Personal-use print and partner sharing permitted; no resale or public redistribution.

SOLUTION 01 / OPEN AFTER PLAY

Six places in the cabinet

Top row: A E B. Bottom row: D F C.

E above F puts F in the bottom row. Because F is immediately right of D and D is leftmost, D and F occupy bottom-left and bottom-middle; E occupies top-middle. C is bottom-row and therefore bottom-right. B is rightmost, so B is top-right. A fills top-left and is indeed left of B. Every object and position is used exactly once.

That is the complete first case.

The complete edition adds two different cases, private role pages, hints and explained answers. This sample does not require a purchase.

Find Pattern Lab at yaotao3000.itch.io. The complete edition is English only, with A4 and US Letter versions of the same three cases.