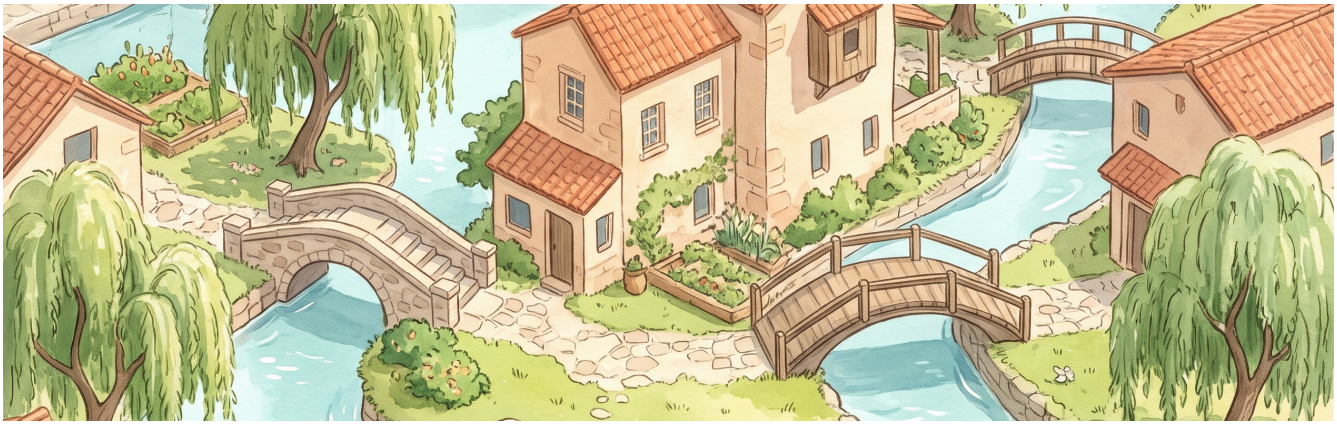
PRINTABLE DEDUCTION FOR TWO

The Canal Crossing

Find a walking route by comparing a bridge register and a delivery card.



The canal paths are open and the shopkeepers are expecting a delivery. One of you has the bridge register. The other knows which stops the delivery must include. Talk it through and agree on a single route.

2 PLAYERS / ONE COMPLETE FREE CASE / 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 / Bridge Keeper

The morning delivery

> **Your joint task**
> Write the complete route from A to G, including every stop.

Your partner has the delivery rules. Read the bridge register: each listed pair is connected in both directions, and there are no other bridges.

Stop	Direct bridges to
A	B, C, E, F
B	A, D, E, F
C	A, D
D	B, C, F, G
E	A, B
F	A, B, D, G
G	D, F

JOINT ANSWER / AGREE BEFORE CHECKING

CASE 01 / PRIVATE B / Delivery Walker

The morning delivery

> **Your joint task**
> Write the complete route from A to G, including every stop.

Your partner knows which pairs of stops have a bridge. Your route must meet every rule below.

1. Start at A and finish at G. Cross exactly 4 bridges.
2. Use a direct bridge for every step. Never visit the same stop twice.
3. Visit both B and D, in that order. They do not have to be consecutive.
4. Do not visit F.

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 / The morning delivery

Hint 1. Ask which stops connect directly to the finish. Work backwards for the last step and cross out F.

Hint 2. With the right number of crossings, only these routes put B before D: A → B → D → F → G / A → B → F → D → G / A → E → B → D → G / A → F → B → D → G. Which one skips F?

Original puzzle text, translation 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, native-language review or measured playtime is claimed. Personal-use print and partner sharing permitted; no resale or public redistribution.

SOLUTION 01 / OPEN AFTER PLAY

The morning delivery

A → E → B → D → G

Starting at A, extend each route along one listed bridge at a time, dropping any route that repeats a stop. Keep only routes that end at G after exactly 4 crossings. This gives A → B → D → F → G / A → B → F → D → G / A → C → D → F → G / A → E → B → D → G / A → E → B → F → G / A → F → B → D → G. Requiring B before D leaves A → B → D → F → G / A → B → F → D → G / A → E → B → D → G / A → F → B → D → G. Excluding F leaves A → E → B → D → G.

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 includes English, Spanish, Brazilian Portuguese and French, each in A4 and US Letter. All versions contain the same three cases.