

# Inventor Relay Assembly

Hint cards - level 1 (spoilers; keep with host)

## 1. Build

The printed cards are deliberately out of order.

## 2. Parts

The missing amount is a return into stock. The cancelled delivery never happened.

## 3. Builder

No item can belong to two people. Cross out each forbidden pairing.

## 4. Diagram

Compare position 1 with position 1, not with a nearby matching shape.

## 5. Test

Use the letter under each named shape.

## 6. Final

Keep all five named badge results beside this sheet.

# Inventor Relay Assembly

Hint cards - level 2 (spoilers; keep with host)

## 1. Build

Read plan must come first. Work out which action comes directly after it.

## 2. Parts

Start with 11. Apply +3 then -2. Ignore the cancelled +7.

## 3. Builder

Mo cannot have two items, so Mo must have Lever.

## 4. Diagram

Position 2 is one difference: circle in A, diamond in B. Mark it once.

## 5. Test

The first two shapes give T then E. Decode the remaining shapes the same way.

## 6. Final

A1 is read first; it holds Build.

# Inventor Relay Assembly

Hint cards - level 3 (spoilers; keep with host)

## 1. Build

The first two actions are Read plan, then Fit lever. Finish the chain and read position 2.

## 2. Parts

The known entries leave 12. How much must return to reach the closing stock of 13?

## 3. Builder

Cross Lever off for the other two people. Apply the last NOT rule, then find Xin's item.

## 4. Diagram

Compare the remaining numbered pairs one by one. Add one mark for each unequal pair, then count all your marks.

## 5. Test

Write TE first, then one letter per remaining shape. Choose the table row matching the whole message.

## 6. Final

Read slots A1, C1, D1, B1, E1. Copy every stored digit in that order, including zero.