

Reasoning Field Notes

Small puzzles.

A fresh perspective.

FREE SAMPLE / 免费试读



04

original exercises

Two hints per exercise

Step-by-step solutions

03

patterns · numbers · logic

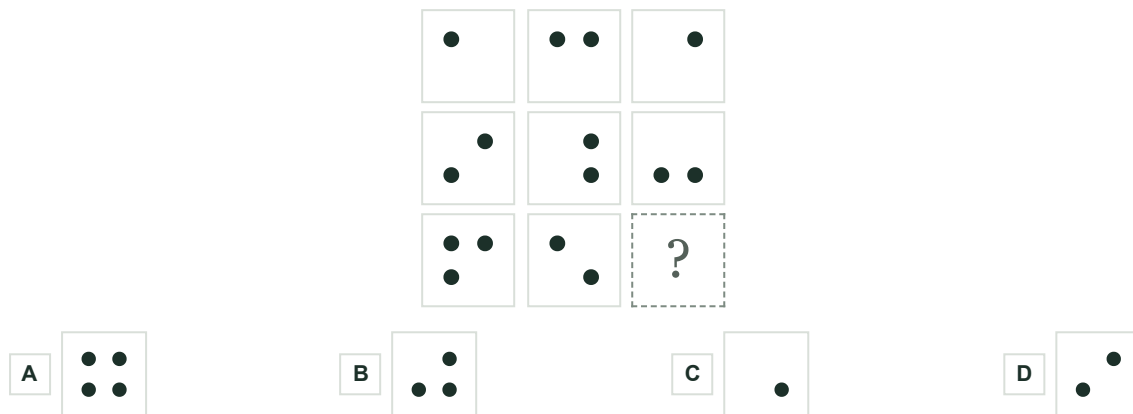
Print or read on screen

No time limit

For curious adults. Educational practice and entertainment; this collection does not measure a standardized IQ score.

Keep the differences

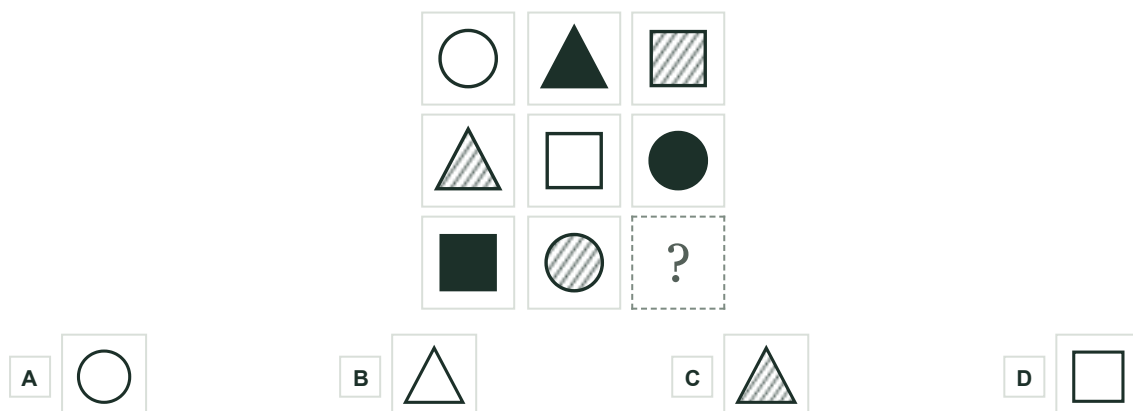
In each row, overlay the first two tiles. A dot appearing in both disappears; a dot appearing in only one stays. Which tile completes the last row?



Answer / working

Two complete sets

Every row and every column contains each shape once: circle, triangle, square. Each also contains each fill once: outline, striped, solid. What is missing?



Answer / working

N09 / NUMBERS

Level 2/3

Read every other number

Two arithmetic sequences are interleaved. What fills the gap?

4 30 9 26 14 22 ?

A 18

B 19

C 20

D 17

Answer / working

L17 / LOGIC

Level 3/3

A five-person schedule

Five people appear once each, with no ties. Who appears third?

- Ari appears before Cai.
- Bea appears immediately after Dev.
- Eli appears before Ari.
- Cai appears last.
- Dev appears before Eli.

A Ari

B Bea

C Eli

D Dev

Answer / working

A NUDGE, NOT THE ANSWER / 分级提示

A different way in.

- P01**
1. Compare positions, not the total number of dots.
 2. In the last row, the top-left dot appears twice. The other three positions appear once.
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- P07**
1. Find the missing shape first, then the missing fill.
 2. The last row already has a square, a circle, a solid fill and a striped fill.
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- N09**
1. Separate odd and even positions.
 2. Odd positions read 4, 9, 14.
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- L17**
1. Build the chain Dev, Eli, Ari, Cai.
 2. Insert Bea immediately after Dev.
-

FOLLOW THE REASONING / 答案解析

The useful part is the why.

P01 / PATTERNS

Keep the differences

B. Remove the top-left dot because both tiles contain it. Keep the top-right and bottom-left dots from the first tile, and the bottom-right dot from the second. Three dots remain. The same cancellation rule explains both completed rows.

P07 / PATTERNS

Two complete sets

B. The last row needs a triangle with an outline fill. The last column also needs a triangle and an outline, so both the row and column confirm the same tile.

N09 / NUMBERS

Read every other number

B: 19. Odd positions increase by 5: 4, 9, 14, 19. Even positions decrease by 4: 30, 26, 22. The gap is in the odd-position sequence.

L17 / LOGIC

A five-person schedule

C: Eli. The clues require Dev before Eli before Ari before Cai, with Cai last. Bea must be immediately after Dev. The unique order is Dev, Bea, Eli, Ari, Cai. Eli is third.
