

THE ELITE THINKING EXPEDITION 2027

A WEEKLY JOURNEY TO OC & SELECTIVE SUCCESS

SELECTIVE ANSWER PACK

13 September 2026 · N9_TS27-20260913-V11 · FINAL



EXPEDITION CHECKPOINT

31 weeks to Selective

32 weeks to OC

Provisional May 2027 dates - updated when the official schedule is published

SELECTIVE ANSWERS AND EXPLANATIONS

QUESTION 1

ANSWER: B

Step 1 - Understand the question

Look for evidence that connects the successful trial to the wider suburb.

Step 2 - Use the strategy

Check which option makes the trial streets relevant to the main source of complaints.

Step 3 - Apply the strategy

If most complaints come from the same kind of tyre noise and similar traffic, the quieter surface directly addresses the wider problem. The other options do not strengthen that link.

Step 4 - Confirm the answer

B. It shows the trial tackles the main source of complaints.

QUESTION 2

ANSWER: A

Step 1 - Understand the question

Recognise the small square as the final folded quarter, with both marks passing through every layer.

Step 2 - Use the strategy

Undo the bottom-to-top fold first and mirror both marks. Then undo the right-to-left fold and mirror the complete pattern again.

Step 3 - Apply the strategy

The hole appears four times in matching positions. The edge cut appears twice along the top edge and twice along the bottom edge. Only option A shows both complete mirror patterns.

Step 4 - Confirm the answer

A. It shows the hole and edge cut mirrored through both folds.

QUESTION 3

ANSWER: C**Step 1 - Understand the question**

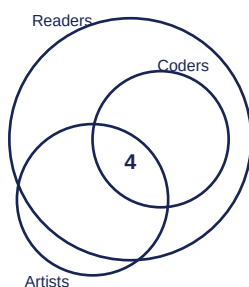
The four students in all three groups are also artists and readers.

Step 2 - Use the strategy

Draw the three groups and place the known overlap before judging the options.

Step 3 - Apply the strategy

The four students in all three groups are certainly artists and readers. There may be more artist-readers, so at least four is guaranteed. The total number of readers is unknown.

**Step 4 - Confirm the answer**

C. At least four artists are readers.

QUESTION 4

ANSWER: D**Step 1 - Understand the question**

Keep Owen and Priya together, then use the two restrictions to place their block.

Step 2 - Use the strategy

Treat Owen-Priya as one block. Test where the block can fit, checking Noor before Owen and Quinn not fourth.

Step 3 - Apply the strategy

If the block started second, Quinn would be fourth, which is forbidden. The block must occupy positions three and four. Noor and Quinn can take the first two positions in either order, while Priya must be fourth.

Step 4 - Confirm the answer

D. Priya cannot speak second.

QUESTION 5

ANSWER: C**Step 1 - Understand the question**

Choose exactly one mystery and three non-mysteries, making sure at least one science book is included, then arrange the four chosen books.

Step 2 - Use the strategy

Choose the mystery in 2 ways. List the valid groups of three from S1, S2, A, B and C. Then count the orders of each completed four-book set.

Step 3 - Apply the strategy

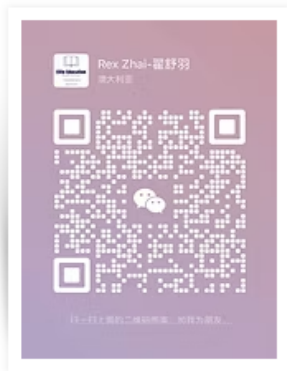
The nine valid groups are S1-S2-A, S1-S2-B, S1-S2-C, S1-A-B, S1-A-C, S1-B-C, S2-A-B, S2-A-C and S2-B-C. With 2 mystery choices, there are 18 valid sets. Each set has $4 \times 3 \times 2 \times 1 = 24$ orders, so $18 \times 24 = 432$.

Step 4 - Confirm the answer

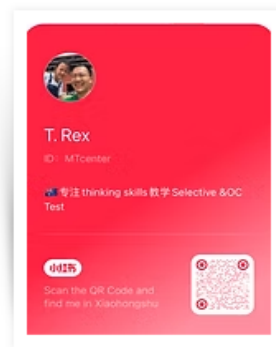
C. There are 432 different ordered displays.

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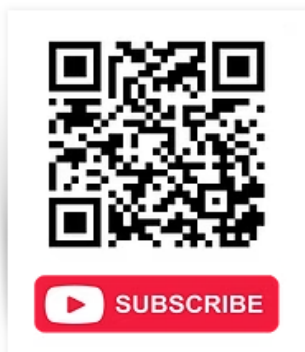
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