

THE ELITE THINKING EXPEDITION 2027

A WEEKLY JOURNEY TO OC & SELECTIVE SUCCESS

OPPORTUNITY CLASS ANSWER PACK

20 September 2026 - N9_TS27-20260920-V5 - FINAL



EXPEDITION CHECKPOINT

31 weeks to Selective

32 weeks to OC

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

OPPORTUNITY CLASS

ANSWERS AND EXPLANATIONS

QUESTION 1

ANSWER: C

Step 1 - Understand the question

Find the card in third place after all five placement clues are used.

Step 2 - Use the strategy

Put one space between A and C, then try each place where that pair could fit; keep D next to C.

Step 3 - Apply the strategy

If C were fourth, A would be second. D could not be fifth because E must follow it. If D were third, B would have to be first, breaking A before B. So C is third. A-B-C-D-E shows the clues can all work.

Step 4 - Confirm the answer

C. Card C must be in the middle.

QUESTION 2

ANSWER: D

Step 1 - Understand the question

The teacher says concert practice means model work cannot happen in the same period.

Step 2 - Use the strategy

When an argument offers two choices, ask whether they really clash or can both happen.

Step 3 - Apply the strategy

D needs 15 minutes for rehearsal and 20 for model work. That is 35 minutes, leaving 10. A says some models still need work. B gives the concert's length, not the rehearsal's. C gives a display date. None of those three shows how both activities fit.

Step 4 - Confirm the answer

D. Both activities fit into 45 minutes, so model work need not stop.

QUESTION 3

ANSWER: C

Step 1 - Understand the question

Count blue flashes among the first 53, not just the twelve shown.

Step 2 - Use the strategy

Find the shortest repeating block and check that the next shown block matches it; then count whole blocks and the leftover flashes.

Step 3 - Apply the strategy

Each six-flash block is R, B, B, G, G, G, so it has two blue flashes. The next six shown confirm the block. The first 48 flashes make eight blocks, giving 16 blues; flashes 49 to 53 include two more blues.

Step 4 - Confirm the answer

C. There are 18 blue flashes.

QUESTION 4

ANSWER: B

Step 1 - Understand the question

A half-turn moves each mark to the opposite part of the sticker.

Step 2 - Use the strategy

Turn the whole picture halfway around and track two marks before checking the third.

Step 3 - Apply the strategy

The red circle moves from top left to bottom right. The blue square moves from top right to bottom left. The triangle moves to the top and points down. Only B has all three changes.

Step 4 - Confirm the answer

B. It shows the sticker after a half-turn.

QUESTION 5

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

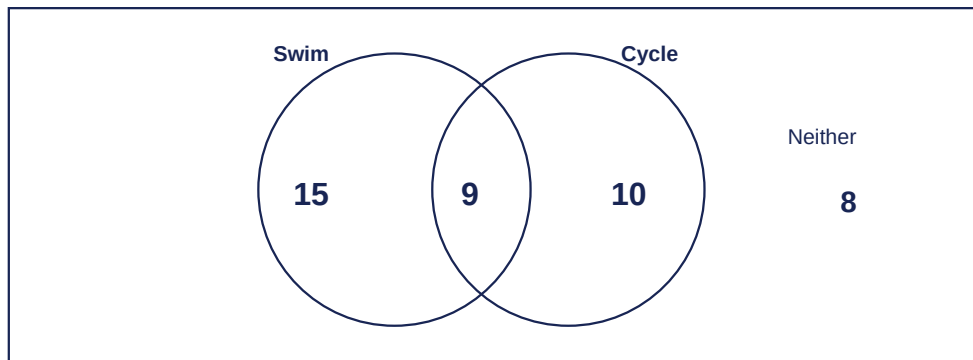
Find the pupils in the cycling-only part of a two-circle Venn diagram.

Step 2 - Use the strategy

Take the neither group away first, find the shared group by removing double counting, then fill the cycling-only region.

Step 3 - Apply the strategy

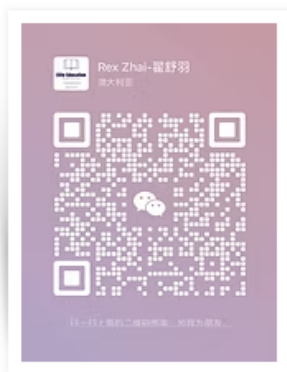
42 minus 8 leaves 34 pupils in at least one circle. The two activity totals add to 43, so 9 pupils were counted twice and chose both. Cycling-only is 19 minus 9, or 10.

**Step 4 - Confirm the answer**

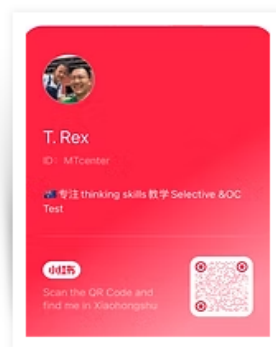
C. Ten pupils choose cycling but not swimming.

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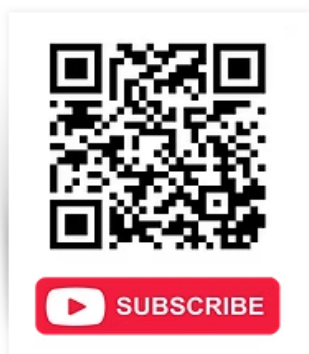
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Answers and four-step explanations

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