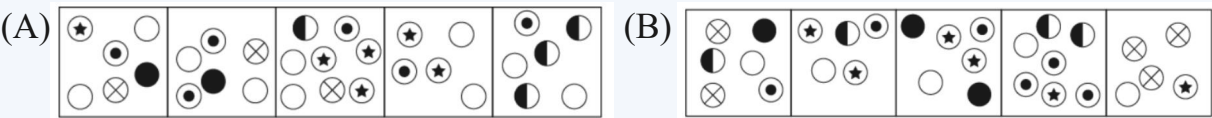
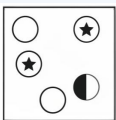


Question: Which set does the Figure belong to? Select from A, B, and C.
Options:



(C) Neither set A nor set B

Thinking (From Claude-3.7):

I. Interpreting the Visual Problem

This is a pattern classification task with:
Set A (top row): 5 boxes. Set B (middle row): 5 boxes. Figure (bottom): 1 box to classify as Set A, Set B, or neither.

II. Extracting Symbolic Features

- Set A Characteristics:
Symbols include: stars (★), filled circles (●), empty circles (○), half-filled circles (◐), and X marks (✕). Notable variation exists in both symbol count and distribution.
- Set B Characteristics:
Same symbol set appears. Need to identify what differentiates Set B from Set A.
- Bottom Figure Composition:
2 stars (★) 2 empty circles (○) 1 half-filled circle (◐) 0 filled circles (●) 0 X symbols (✕)

III. Comparative Symbol Analysis

Counted symbol distributions per box:

Set A:	Set B:
A1: ★×1, ●×2, ○×3, ◐×0, ✕×2	B1: ★×0, ●×1, ○×1, ◐×1, ✕×3
A2: ★×0, ●×2, ○×3, ◐×0, ✕×1	B2: ★×2, ●×0, ○×2, ◐×1, ✕×0
A3: ★×3, ●×1, ○×2, ◐×1, ✕×1	B3: ★×2, ●×2, ○×1, ◐×0, ✕×0
A4: ★×2, ●×2, ○×2, ◐×0, ✕×0	B4: ★×1, ●×3, ○×1, ◐×2, ✕×0
A5: ★×0, ●×1, ○×3, ◐×2, ✕×0	B5: ★×1, ●×0, ○×1, ◐×0, ✕×3

The Figure:
★×2, ●×0, ○×2, ◐×1, ✕×0
Observation: The Figure's symbol composition exactly matches Set B box 2.

IV. Symbol Count Comparison

Set A: 6–8 symbols Set B: 5–7 symbols Figure: 5 symbols → fits Set B

V. Conclusion

The Figure's total symbol count and exact match with Set B box 2 confirm its classification.



Correct Answer: A
Response: Looking at this problem, the goal is to determine which set the bottom figure belongs to—Set A, Set B, or neither.
The figure contains: 2 stars (★), 2 empty circles (○), 1 half-filled circle (◐), No filled circles (●) or X symbols (✕)
Set B, box 2, has an identical symbol composition, and its total symbol count (5) also matches that of the figure. In contrast, Set A boxes typically contain more symbols and different combinations.
Given the perfect match in both symbol type and count, the figure clearly belongs to Set B.

