

Use reasoning instructions...

- Obstacle Avoidance
- Shortest Path
- Collision Check
- Movement Prediction

Action Space



MLLM Response

<think>To determine the best and
worst moves, we need to evaluate
the possible moves and their
consequences: 1.Current Position:
My head is at position...</think>
<best answer>RIGHT</best answer>

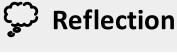
<worst answer>DOWN</worst answer>

MLLM Response

<think>In the transformation from







Use reasoning instructions...



- Axis Alignment
- Triangle Reasoning
- Polar Analysis

Action Space



Image 3 to Image 4, the character
has been rotated 90 degrees
clockwise. The symmetry axes have
shifted 90 degrees..., indicating
a 90-degree rotation.

<answer>90</answer>

In-Context Example



Game Task

