

A1 Group Task

1. Distance Exploration

People have different understandings on the concept of distance. The goal of this task is to help you explore the definition of distance in your mind.

Please pick up **two shapes** as you want and lay them on the paper sheet. If they have a distance between each other, what kind of distance do you think that would be? Choose any object on the table to **represent the distance** in your mind. (You will have 5~8 minutes to do this task)

Instruction: You can use any material we offered on the desk, or tell us the representatives in your mind if what you want are not available here. You will have the chance to show your idea in later discussion.

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2. Boundary Exploration

People have different understandings on the concept of boundary. The goal of this task is to help you explore the definition of boundary in your mind.

Please choose one shape as you want and suppose that this shape has a new property “boundary”, which means this object can add a boundary of any value and other objects cannot go across this boundary. Choose any object on the table to **represent the boundary** in your mind and show us how you will set its property. (You will have 5~8 minutes to do this task)

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3. Wall Decoration

3.1 Decorations Placement

Suppose that you have an empty wall and you have different shapes of objects to decorate your wall, and the paper sheet in front of you is the empty wall. Please choose shapes we offered on the desk to make a decoration. (You will have 5~8 minutes to do this task)

Instruction: There are **no limitation of numbers and shapes** of your selection.

Summary Part

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3.2. Accurate Adjustment

Based on what you designed so far, try to make your layout more accurate. **Define the distance** between objects as you want, and show us how could you set these distances to make sure it's exactly what you consider?

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Summary Part

3.3. Accurate Adjustment with Boundary Limit

Now we have the property “Boundary” for every object, as what we introduced in the Task 2 (every object can have a boundary of any value and other objects cannot go across this boundary). Consider to make this accurate adjustment as described in the Task 3.2 again. Instead of the methods you’ve chosen before, how could you utilize this property to adjust the distances accurately?

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