✓ **Congratulations! You passed!**

Problem Solving Ontology

| Grade received 100% | Latest Submission Grade 100% | To pass 80% or higher | Go to next item |

Quiz • 8 min

Review Learning Objectives

1. For each problem solving strategy that is described in questions 1 to 5, select the kind of Problem Decomposition from the Problem Solving Ontology, that best describes the strategy.   **1 / 1 point**

✓ **Submit your assignment**   **Try again**

Solve a crossword puzzle by completing the words in the upper left corner first, rather than completing the words in numerical order.

○ feature selection   ✓ **Receive grade**   **Your grade**   **View Feedback**

To Pass 80% or higher   **100%**   We keep your highest score

○ problem refinement

○ temporal decomposition

👍 Like   👎 Dislike   ⚑ Report an issue

○ experiential decomposition

◉ spatial decomposition

✓ **Correct**

2. Serve customers in the order that they arrive.   **1 / 1 point**

○ feature selection

○ problem refinement

◉ temporal decomposition

○ experiential decomposition

○ spatial decomposition

✓ **Correct**

3. Estimate the area of this shape by treating it a single (red) rectangle. Then create a better estimate by treating it as three (purple) rectangles. Then use more rectangles (not shown) until the estimate is "close enough".   **1 / 1 point**

○ feature selection

◉ problem refinement

○ temporal decomposition

○ experiential decomposition

○ spatial decomposition

✓ **Correct**

4. All the rooms in a house must be painted. Four colours must be used: blue, yellow, red, and white. The trim must be painted last and the trim is all white. Instead of painting one complete room at a time, paint everything that should be red first, then paint all of the blue, then all of the yellow. Paint the white trim and everything else that is white last.   **1 / 1 point**

◉ feature selection

○ problem refinement

○ temporal decomposition

○ experiential decomposition

○ spatial decomposition

✓ **Correct**

5. Before entering a game competition for a new game, watch it being played by others, try to play the game, and then explain how the game is played to someone else to ensure you understand the rules and possible strategies.   **1 / 1 point**

○ feature selection

○ problem refinement

○ temporal decomposition

◉ experiential decomposition

○ spatial decomposition

✓ **Correct**