Draw Your Family in Labeled Portrait Boxes: A Guided Worksheet Plan

Original tasks 1, 2, 3 / complete keys

Task 1

A worksheet has six labeled portrait boxes and one blank box. A learner fills four boxes. How many boxes are empty?

Answer: 3 empty boxes.

Reason: Total boxes are 6 plus 1, which equals 7. Filled boxes are 4. Empty boxes are 7 minus 4, which equals 3.

Check: Count total boxes, subtract filled boxes, and confirm the result by counting empty boxes directly.

Task 2

Each portrait box is a hypothetical 5 cm wide and 7 cm tall. What is the area of one box, and what is the total area of three boxes?

Answer: One box: 35 square cm. Three boxes: 105 square cm.

Reason: Area of one box is 5 cm times 7 cm, which equals 35 square cm. Three boxes give 35 times 3, which equals 105 square cm.

Check: Keep both dimensions in centimeters, multiply width by height, then multiply by the number of boxes.

Task 3

A learner draws a portrait that extends below the bottom border of its box and leaves the label line blank. Name two fixes that follow the worksheet convention.

Answer: Redraw the portrait as a head-and-shoulders view inside the border, and write a legible label on the line.

Reason: The convention requires the drawing to stay inside the box and each filled box to have a label. Redrawing smaller and adding the label corrects both issues.

Check: Check that the redrawn portrait does not cross the border and that the label can be read without guessing.

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Original tasks 4 / complete keys

Task 4

A learner has three filled boxes labeled with names and one blank box. They want to add a grandparent. Describe where the new portrait goes and what label is needed.

Answer: Draw the grandparent's head-and-shoulders portrait inside the blank box and write a legible label such as the grandparent's name or relationship on its label line.

Reason: The blank box is provided for an additional family member. The same convention applies: one portrait per box and one legible label.

Check: Confirm the new portrait is inside the blank box, the label line is filled, and the total filled boxes now equals four.

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Source rubric / reflection

- [ ] Each portrait is drawn inside its own box without crossing the border.
- [ ] Each filled box has a legible label naming the chosen family member.
- [ ] Each portrait follows the head-and-shoulders convention.
- [ ] The blank box is used for an additional member or left empty with a short reason.
- [ ] Comparison prompts are answered with one visible difference, not a judgment of quality.

Reflection: What did you check, what did you change, and what will you try next?