Arrow-Stroke Tracing Worksheet: Build Directional Control

Original tasks 1, 2, 3, 4 / complete keys

Task 1

A guided cell has a start dot at the left, a horizontal guide line to the right, and an arrowhead at the right end. The learner starts at the dot, moves right, and lifts at the arrowhead. Describe the correct start and finish.

Answer: Start at the left dot; finish at the right arrowhead after moving right.

Reason: The start dot marks first contact and the arrowhead marks final direction of travel.

Check: Confirm the pencil first touches the left dot and lifts at the right arrowhead without reversing.

Task 2

A curved stroke cell has a start dot at the top, a guide that bends once to the right, and an arrowhead at the lower right. The learner traces the bend but lifts halfway and restarts. Using the rubric, which quality fails?

Answer: Continuity fails because the stroke was lifted and restarted without a shown retrace.

Reason: The convention requires one continuous movement unless a retrace is explicitly shown.

Check: Check whether the pencil lifted before the arrowhead; if so, continuity is no.

Task 3

A retrace stroke cell shows a path that goes right and then returns partway left, with the arrowhead pointing left at the end. The learner travels right only and stops at the rightmost point. Which rubric quality fails and why?

Answer: Arrow-direction compliance fails because the final direction is left, not right.

Reason: The arrowhead marks the finishing direction, so stopping at the rightmost point does not complete the retrace.

Check: Compare the learner's final travel direction with the arrowhead direction.

Task 4

A blank practice row has six cells but the guided row above has five. A learner copies five strokes and leaves one cell empty. Is the row correctly matched for comparison?

Answer: No; the cell counts differ, so the rows are not matched for comparison.

Reason: Guided and blank rows must use equal cell counts so copying practice is comparable.

Check: Count cells in both rows and confirm they are equal before scoring.

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Source rubric / reflection

- [ ] Starts on the start dot: yes or no.
- [ ] Follows the arrow direction: yes or no.
- [ ] Keeps the stroke continuous unless a retrace is shown: yes or no.
- [ ] Matches the guide path within the stated margin, allowing valid size variation: yes or no.
- [ ] Blank-row copy uses the same four checks as the guided row.

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