Draw Alaska: Grid Tracing, Coastline, and Landmark Placement

Topic reference / ordinary illustration



Ordinary topic reference. Hypothetical dimensions in the four tasks are supplied in their own text; this illustration is not their measured answer.

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Worked example / complete source key

A reference grid has 10 columns (A–J) and 10 rows (1–10). In cell C4, the coastline enters at the left edge halfway up and leaves at the bottom edge one-quarter from the left. On a blank grid of the same size, describe how to transfer this segment and check it.

Answer: Mark the entry point at the midpoint of the left edge of C4. Mark the exit point at one-quarter of the bottom edge from the left corner. Connect them with a smooth curve that bulges slightly outward, matching the reference. Check by measuring from the entry point to the top-left corner of C4: it should be half the cell height. Measure from the exit point to the bottom-left corner: it should be one-quarter of the cell width. If both measurements match within about 2 mm, the segment is acceptable.