# Draw South Korea's Outline: Peninsula and Island Details

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

Task 1

Using a 9 cm by 12 cm rectangle divided into 3 by 4 equal cells, describe the placement of the northern start and southern tip.

Answer: Northern start at top center of the middle column; southern tip at bottom center of the middle column.

Reason: The centerline keeps the peninsula centered and supports a tapered shape.

Check: Verify both points lie on the vertical centerline of the middle column.

Task 2

A sketch shows a smooth west coast and a jagged east coast. State one correction and where to apply it.

Answer: Add three inward notches on the west coast and smooth the east coast to one gentle bulge.

Reason: The west coast is more irregular; the east coast is smoother.

Check: Count west coast notches (at least three) and east coast bulges (at most one).

Task 3

Place Jeju, Ulleungdo, and Dokdo on a grid with the southern tip at bottom center. Give relative positions and sizes.

Answer: Jeju one cell below the southern tip, slightly left, as an oval one cell wide; Ulleungdo two cells east of the east coast as a small circle; Dokdo two dots just east of Ulleungdo.

Reason: Jeju is south of the peninsula; Ulleungdo and Dokdo are far east, with Dokdo smallest.

Check: Confirm Jeju is largest, Ulleungdo smaller, Dokdo smallest, and all are separate loops.

Task 4

A peninsula outline measures 8 cm wide and 15 cm long. Is the length-to-width ratio near the target of 2:1? Show the arithmetic.

Answer: 15 divided by 8 equals 1.875, which is close to 2, so the ratio is acceptable.

Reason: The target ratio is about 2:1; 1.875 is within reasonable variation.

Check: Divide length by width and compare to 2; accept values near 1.8 to 2.2.

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Source rubric / reflection

- [ ] Peninsula outline is closed and recognizable, with a tapered southward shape.
- [ ] West coast shows at least three inlets; east coast is smoother with at most one major bulge.
- [ ] Jeju is the largest island and is placed below the southern tip.
- [ ] Ulleungdo and Dokdo are east of the east coast, with Dokdo smallest.
- [ ] Islands are separate closed loops, not attached to the mainland.
- [ ] Labels are readable; printed or cursive styles are both acceptable.
- [ ] Length-to-width ratio is near 2:1, allowing reasonable variation.

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