# Draw Alaska: Grid Tracing, Coastline, and Landmark Placement

Original tasks 1, 2 / independent work

## Task 1

On a 10 by 10 grid with 2 cm squares, a coastline enters cell D6 at the top edge one-third from the left and leaves at the right edge halfway down. Describe the two points and the check you would perform.

## Task 2

A landmark is assigned to cell F7. The dot center is 1.5 cm from the left edge of the cell and 0.5 cm from the bottom edge. The cell is 2 cm by 2 cm. Is the dot inside F7? Show the arithmetic.

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Original tasks 3, 4 / independent work

## Task 3

You count 6 coastal indentations in row 5 of the reference and 4 in your drawing. The row has 10 cells. What is the difference, and what check would you do next?

## Task 4

Your blank grid has 10 columns and 10 rows with 2 cm squares. You measure the full width as 20 cm and the full height as 20 cm. The reference grid measures 20 cm by 20 cm but has 12 columns and 10 rows. What is wrong, and how do you fix it?