## Confection Imperfections

Famie's favorite chocolate is dark chocolate. Or maybe it's white chocolate?

## Double Chocolate (Knapp Daneben):

Divide the grid along the dashed lines into regions, each consisting of one polyomino of light squares and one polyomino of dark squares. One of these must be exactly one square larger than the other, and it must be possible to remove a square from the larger polyomino so that it's congruent to the smaller polyomino (and the region is still connected).
If a square contains a number, that number must be equal to the area of the otber

polyomino in its region.


## Lies in the Sky

## Day and night, Famie continues to find falsehoods wherever he goes.

## Moon or Sun (Liar):

Draw a single closed loop in the grid which enters and exits each outlined region exactly once. In each region, the loop must either visit all of the moons (at least one) and none of the suns, or all of the suns (at least one) and none of the moons, and it must alternate between these two choices every time it crosses a region boundary.
Additionally, exactly one moon or sun in every row, column, and region is a liar and should be treated as the opposite type of clue.


## Passersby

Famie was amazed by the unusual cipher.

## Fillomino (Coprime, Digit Cipher):

Divide the grid along the dashed lines into regions so that no two regions of the same area share an edge. Inside some cells are numbers; each number must represent the area of the region it belongs to. A region may contain zero, one, or several given numbers.
Additionally, if two regions touch, their sizes may not share a common factor. Regions of size one are forbidden.

Also, the digits $0-9$ have been replaced by letters. Different letters represent different digits.


## Stern Robots

Famie has installed land-detecting androids at the backs of his ships.

| II |  | II |  |  |
| :---: | :---: | :---: | :---: | :---: |
| - | x | B | $\bigcirc$ | w |
| $\bigcirc$ | A | 5 | 1 | II |
| T | w | I | N | s |
|  | E | 5 | ${ }^{\text {A }}$ | $\bigcirc$ |



## Araf Nurikabe (Stern Robot Battleships):

Place water in some cells so that each region of land contains exactly two numbers, and its area is strictly between those two numbers. The water cells must be orthogonally connected and cannot contain a $2 \times 2$ square. Exactly six numbers (three in the example) are in the water. Then, place the given battleships in the grid such that the stern of each ship is on one of the numbers in the water. Ships cannot touch, even diagonally. The number at the stern of a ship indicates the total area of all the islands pointed to by its bow.


## Surprise!

Famie was Pica-shocked by this bunt's font, and Pikmin-shocked by this puzzle's theme.

## Herugolf (Pikmin):

Move each of the Pikmin one or more times by performing a series of horizontal or vertical throws. Throws cannot cross other throws or Pikmin. Each Pikmin has a nonzero range which determines the length of its first throw. Each subsequent throw is one unit shorter than the previous. If two Pikmin have the same color (red, yellow, or blue) and maturity (leaf, bud, or flower), they have the same range.
When the Pikmin stop moving, they must each occupy a different $3 \times 3$ region. Each Pikmin will then read the corresponding statement from its region, as shown on the next page.
These statements must all be true. Ignore statements in unoccupied regions.

(continued on next page)


## Yajisan-Metasan

The trouble with these puzzles is that even after you've solved them, the answers are still filled with lies.

Yajisan-Kazusan (Tokens):
Place the given tokens in the grid so that no two tokens are adjacent and the uncovered spaces are orthogonally connected. Uncovered clues indicate the sums of the labels on the tokens in the indicated direction. Covered clues can be ignored.


This is a Yajisan-Kazusan (Tokens) puzzle, except that some of the clues in the grid below are liars. If uncovered, they must not indicate the sum of the tokens in the indicated direction.


What is this Canadian's greatest deception?

