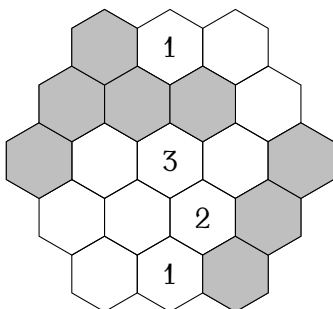# Rules

The rules of the 123 Hexagon Puzzle are simple.
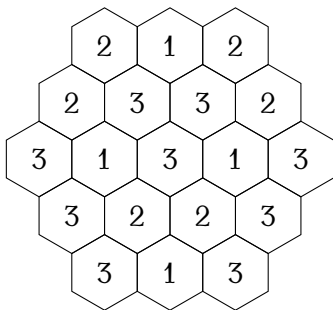
(1) Put a 1, 2, or 3 in every blank hex.

(3) Each number indicates how many hexes are part of the adjacent group with the same number.

(3) Groups of 1s, 2s, and 3s contain exactly 1, 2, and 3 hexes respectively.

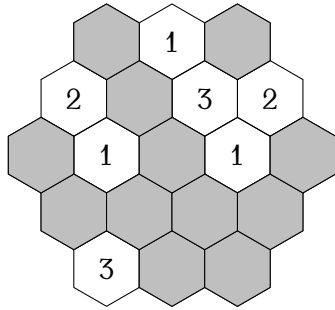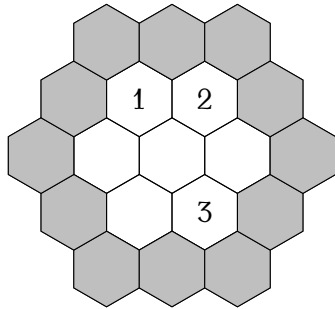For example, consider the following solved puzzle below.

Example

Solution

In this example you would submit the sum of numbers represented by the grey hexes so you would submit 22, as:
$$22 = (2 + 2 + 3 + 3 + 3 + 3 + 3 + 3)$$

Puzzle 1

Puzzle 2

Puzzle 3