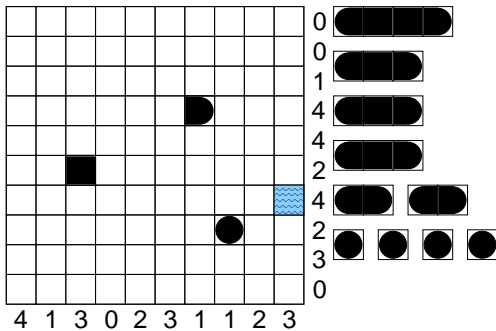
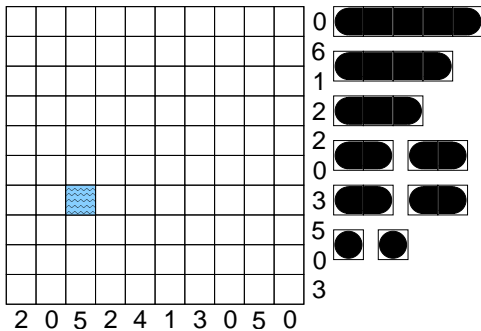


# PUZZLES

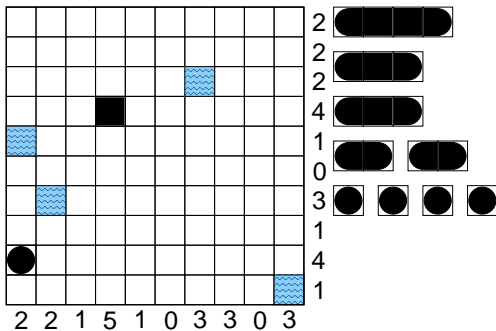
The TWENTIETH  
 Brandon McPhail  
 Sean Kelly



Even Pythagoras could do this.



Even Aristotle could do this.



Even Kant could do this.

## BATTLESHIPS

Readers of the puzzles page have seen this type of puzzle before.

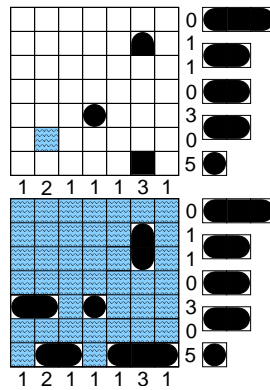
An enemy fleet of battleships lies hidden in the grid of quadrants. Your task is to deduce the location of each ship within the grid and sink them all.

Intelligence informs you that **Submarines** (each filling only a single quadrant), **Destroyers** (two quadrants long), **Cruisers** (three quadrants long), **Battleships** (four quadrants long), and **Carriers** (five quadrants long) are hidden in this sector. A key to the right of the grid will help keep track of how many ships of each class lie in this area.

In addition, you've been supplied with a **number** for each row and column indicating the number of quadrants in that row or column that are occupied by **part** of an enemy ship.

This, in addition to your knowledge that **ships cannot occupy adjacent quadrants** (they might crash!), should be enough to help you sink them all.

Our own intelligence department has revealed some quadrants. Your task is to finish the job. Below is an example of a puzzle and its solution.



So what if Freud can do it??

- Even Freud could do this.
- Even Pythagoras could do this.
- Even Aristotle could do this.
- Even Kant could do this.
- Even Ray Mayer could do this.

- Easy
- Not easy
- More challenging
- This is a hard problem.
- Go ask him for help.

Think you know the answer?

For more info on these puzzles, go to <http://www.reed.edu/~mcphailb/quest/>

“With the information I can access, I can run things 900-1200 times better than any human.” – MCP

Questions? Blitz: [puzzles@reed.edu](mailto:puzzles@reed.edu)