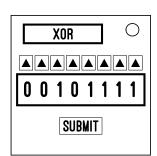
## On the Subject of Bitwise Operations

Nobody's favorite kind of math. Who even likes math, anyway?

• Use the two bytes obtained from the tables below, and the operator from the display, to determine the answer.

| Byte 1                       | Byte 2               |  |
|------------------------------|----------------------|--|
| No AA Batteries              | ≥1Dbattery           |  |
| Parallel port                | ≥ 3 ports            |  |
| Lit NSA                      | ≥ 2 battery holders  |  |
| # Of modules > Starting time | Lit BOB              |  |
| ≥ 2 Lit Indicators           | ≥ 2 unlit indicators |  |
| Modules ÷ 3                  | Last SN digit is odd |  |
| ≤1D battery                  | Even # of modules    |  |
| ≤ 3 ports                    | ≥ 2 batteries        |  |



This module includes needy modules when it refers to the number of modules.

Here is a table of explanations of each bitwise operator:

| Info | AND   | OR   | XOR                                      | NOT   |
|------|---|--|--|---|
| HOW  | Bl correct + B2<br>correct = 1,<br>otherwise 0. | Bl correct OR B2<br>correct = 1,<br>otherwise 0. | EXACTLY 1 Byte correct = 1, otherwise 0. | Ignore B2. B1<br>correct = 0,<br>otherwise 1. |

(Bytes are referred to as "B1" and "B2" respectively.)