

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	≥ 1 D battery
Parallel port	≥ 3 ports
Lit NSA	≥ 2 battery holders
# Of modules > Starting time	Lit BOB
≥ 2 Lit Indicators	≥ 2 unlit indicators
Modules $\div 3$	Odd serial digit
≤ 1 D battery	Even # of modules
≤ 3 ports	≥ 2 batteries

Here is a table of explanations of each bitwise operator:

Info	AND	OR	XOR	NOT
HOW	B1 correct + B2 correct = 1, otherwise 0.	B1 correct OR B2 correct = 1, otherwise 0.	<u>ONLY</u> 1 Byte correct = 1, otherwise 0.	Ignore B2. B1 correct = 0, otherwise 1.

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

XOR
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0 0 1 0 1 1 1 1

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