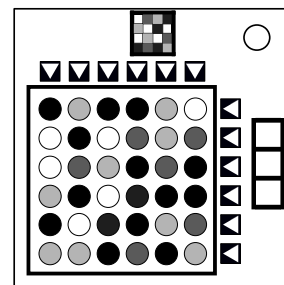


## On the Subject of Color Decoding

*The colors, Simon; what do they mean!?*

This module is comprised of three stages, where each stage contains a 4x4 indicator grid above a 6x6 display grid. Each grid is comprised of five colors: Red, Green, Blue, Yellow, and Purple. In each stage you must select a number of rows and/or columns from the display, based on the pattern of the indicator and the state of the bomb. The selections you must make can be determined as follows:



- From the pattern of the indicator and the state of the bomb, determine the correct row for the stage in the next table.
- For the venn coloring section, consider the colors present in the indicator. For every color that is both present in the indicator and the row, obtain the line pattern above that color in the column. Use that pattern or patterns in the venn diagram on the following page to determine the correct constraint table number.
- Skip the constraints in that table as described in the skip section, based on the current stage.
- When you have completed all three stages, the module will be disarmed.

Indicator Pattern	Bomb/Module State	Venn Coloring				Skip Section		
		●	■	■	■	Stage 1	Stage 2	Stage 3
Checkered	≤2 Batteries	R	G	B	Y	A, C	B	B, E
	>2 Batteries	P	B	Y	R	B, D	D	C, E
Vertical	≤2 Ports	G	R	P	Y	C	A, D	A, B
	>2 Ports	B	Y	G	P	A, E	B, D	A, D
Horizontal	≤2 Lit Indicators	Y	P	R	B	D	A, C	B, E
	>2 Lit Indicators	G	B	P	R	C, E	A	C, D
Solid	Stage 1 or 3	P	G	B	R	A, E	B, D	C
	Otherwise	Y	R	G	P	E	A, D	B, C