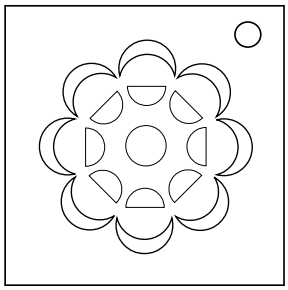
On the Subject of The Moon



Brrr, it's very cold here on the dark side. Who turned off the Sun?

- The module consists of eight blue crescents, eight blue half-moons, and a centre button. Buttons on the same compass point are considered to be a set.
- Find the correct button for each set using the following table. The sets are numbered in clockwise order.

Calculations	
lit 1	D batteries
lit 2	AA batteries
lit 3	Digits in serial
lit 4	Port plates
unlit 1	Modules
unlit 2	Consonants in serial
unlit 3	Indicators
unlit 4	Ports

x % 7	Button
0	outer
1	outer
2	outer
3	inner
4	inner
5	center
6	center

- The first set to solve is the n^{th} unlit set where n is the sum of the serial number digits modulo 7. Start counting at 0.
- For each character in the serial number, the next set is

0 1 3 5 7 8 A C E G H J L M O Q S T V X Y	2 steps clockwise
2 4 6 9 B D F I K N P R U W Z	2 steps counterclockwise

- If this moves you onto a solved set, continue moving a single space in the given direction until you reach an unsolved set.
- After progressing through the converted serial numbers, you will have one set remaining. This is your final set.
- The module will be solved once you have correctly pressed your eight button sequence or when you have pressed the centre button.