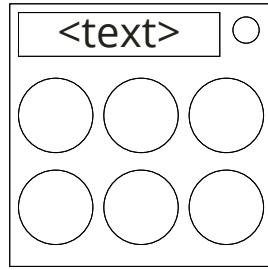


On the Subject of Odd One Out

One of these things is not like the others! One of these things just doesn't belong!

There are six buttons on the module which may display a variety of things directly on the button or in the display whilst hovering over a button. Five of the buttons, referred to below as the “good buttons”, satisfy a specific property which is described in the table below. Press the button that doesn't belong — the “odd one out” — to move on to the next stage.



Once 5 stages have been completed, press the button that has had the correct answer a unique number of times to solve the module.

If an incorrect button is pressed, a strike will occur, and the module will reset to stage 1. Stages and displays do not change.

Display set	Instructions
Letters	<p>Depending on the color of the LED to the right of the display:</p> <ul style="list-style-type: none"> • Red LED: The good buttons form a sequence of letters with equal distance in the alphabet, wrapping around from Z back to A. • Yellow LED: The good buttons, when read in reading order, form a five-letter English word that is encoded using Atbash cipher. In this cipher, A→Z, B→Y, C→X, etc. • Green LED: The good buttons, when read in reading order, form a five-letter English word that is encoded using ROT13. In this cipher, A→N, B→O, C→P, etc. • Turquoise LED: The good buttons have letters whose Morse code begins with the same two symbols. • Blue LED: The good buttons have letters whose international maritime signal flags share a common color. • Purple LED: The good buttons have letters whose flag semaphores share a common flag position. • Pink LED: The good buttons have letters whose Pigpen cipher representations all have or don't have a dot.
Numbers	<p>Depending on the color of the LED to the right of the display:</p> <ul style="list-style-type: none"> • Red LED: The good buttons show numbers with the same remainder after division by 4, 7, 9 or 11. • Yellow LED: The good buttons show numbers with the same number of lines or the same number of dots when written in Zoni.

Encoded letters	<p>The buttons display letters using various encodings. The good buttons show either all the same letter, or a five-letter English word in reading order.</p> <p>Encodings used include Braille, Lombax, international maritime signal flags, Morse code, pigpen cipher, flag semaphore, Standard Galactic Alphabet, Zoni, and numeric position (decimal or binary).</p> <p>The Standard Galactic Alphabet is as follows:</p> <table border="1" data-bbox="445 601 1377 871"> <tbody> <tr><td>A</td><td>B</td><td>C</td><td>D</td><td>E</td><td>F</td><td>G</td><td>H</td><td>I</td><td>J</td><td>K</td><td>L</td><td>M</td></tr> <tr><td>↖</td><td>↘</td><td>⤒</td><td>⤓</td><td>⤔</td><td>⤖</td><td>⤐</td><td>⤑</td><td>⤒</td><td>⤓</td><td>⤔</td><td>⤖</td><td>⤑</td></tr> <tr><td>N</td><td>O</td><td>P</td><td>Q</td><td>R</td><td>S</td><td>T</td><td>U</td><td>V</td><td>W</td><td>X</td><td>Y</td><td>Z</td></tr> <tr><td>⤒</td><td>⤓</td><td>⤔</td><td>⤖</td><td>⤐</td><td>⤑</td><td>⤐</td><td>⤑</td><td>⤒</td><td>⤓</td><td>⤔</td><td>⤖</td><td>⤐</td></tr> </tbody> </table>	A	B	C	D	E	F	G	H	I	J	K	L	M	↖	↘	⤒	⤓	⤔	⤖	⤐	⤑	⤒	⤓	⤔	⤖	⤑	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	⤒	⤓	⤔	⤖	⤐	⤑	⤐	⤑	⤒	⤓	⤔	⤖	⤐
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Letter codes	<p>The good buttons show either:</p> <ul style="list-style-type: none"> one or two letters, first letter capitalized: <ul style="list-style-type: none"> chemical element symbols, with the sixth button not a valid chemical element symbol; chemical element symbols from the same row or same column on the periodic table, with the sixth button another valid chemical element symbol; two capital letters: US state abbreviations; three capital letters: <ul style="list-style-type: none"> ISO country codes from Flags; ISO currency codes from both Flags and Foreign Exchange Rates; company codes from The Stock Market; codes from Morse War. 																																																				
<u>3D Tunnels symbols</u>	<p>The symbols on the good buttons belong to the same plane in the 3D Tunnels diagram.</p>																																																				
<u>Benedict Cumberbatch names</u>	<p>The good buttons display a valid forename/surname combination from Benedict Cumberbatch.</p>																																																				
<u>Country flags</u>	<p>The good buttons display either countries whose name starts or ends with the same letter, or countries which do or do not contain the letter "E".</p>																																																				
<u>Grocery items</u>	<p>The good buttons display items that are either all in Cheap Checkout or all in Grocery Store.</p>																																																				

Colors with numbers	The good buttons show the following numbers corresponding to their colors, but with a consistent offset added: 0 = black, 1 = blue, 2 = green, 3 = cyan/teal, 4 = red, 5 = magenta, 6 = yellow, 7 = white																																																																																																																																																	
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Musical notes	The good buttons show the first 5 notes of a major scale (with sharp/flat equivalents potentially interchanged).																																																																																																																																																	
<u>Question Mark</u> images	The good buttons show images from the same row in the Question Mark manual.																																																																																																																																																	
Words	The words on the good buttons are from the same module. Possible modules are: Anagrams , Braille , Extended Password , Password , Poetry , Tap Code , Word Scramble and Word Search .																																																																																																																																																	
<u>Zoo</u> animals	The animals on the good buttons form a line in the Zoo manual.																																																																																																																																																	

Appendix for Odd One Out

Binary conversion

1	00001	2	00010	3	00011	4	00100
5	00101	6	00110	7	00111	8	01000
9	01001	10	01010	11	01011	12	01100
13	01101	14	01110	15	01111	16	10000
17	10001	18	10010	19	10011	20	10100
21	10101	22	10110	23	10111	24	11000
25	11001	26	11010	27	11011	28	11100

Major scales (first five notes)

- C, D, E, F, G
- C#/Db, D#/Eb, F, F#/Gb, G#/Ab
- D, E, F#/Gb, G, A
- D#/Eb, F, G, G#/Ab, A#/Bb
- E, F#/Gb, G#/Ab, A, B
- F, G, A, A#/Bb, C
- F#/Gb, G#/Ab, A#/Bb, B, C#/Db
- G, A, B, C, D
- G#/Ab, A#/Bb, C, C#/Db, D#/Eb
- A, B, C#/Db, D, E
- A#/Bb, C, D, D#/Eb, F
- B, C#/Db, D#/Eb, E, F#/Gb