# On the Subject of Greek Letter Grids

It's not an "upside-down L" anymore!

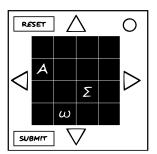
- There are 3 colored Greek letters on this module (out of a possible 18) on a 4x4 grid labeled ABCD along the x axis and 1234 along the y axis.
- Follow the rules in order prioritizing top to bottom to determine which positions each letter should be in.
- · Refer to the included Greek alphabet if necessary.
- Pressing the submit button when a letter is in the improper place will yield a strike and give you 3 new letters to move.
- Select a letter by clicking it and move the selected letter with the arrow keys on the module.

## Uppercase Alpha

- 1. If a lowercase sigma is on this module, move this letter to A4.
- 2. Otherwise, if the color of this letter is yellow, move this letter to Bl.
- 3. Otherwise, if there is an unlit indicator with either the label SND or IND, move this letter to D3.
- 4. Otherwise, if the other 2 letters are the same color, move this letter to C3.
- 5. Otherwise, leave this letter in its initial position.

# Lowercase Alpha

- 1. If this letter's initial position is in the D column, move this letter 2 spaces to the left.
- 2. Otherwise, if the bomb has 3 or more batteries, move this letter to D1.
- 3. Otherwise, if this letter is green AND there is a delta on the module (either upper or lowercase), move this letter to C2.
- 4. Otherwise, if the bomb has a lit CLR indicator on it, move this letter to Al.
- 5. Otherwise, move this letter to A3.



#### <u>Uppercase Beta</u>

- 1. If this letter is cyan, move this letter to D1.
- 2. Otherwise, if this letter was found in row 3, move this letter up 1 space.
- 3. Otherwise if there is a lowercase letter on the module AND the last digit of the serial number is odd, move this letter to B4.
- 4. Otherwise if there is a green uppercase letter on the module, move this letter to C2.
- 5. Otherwise, move this letter to C4.

#### Lowercase Beta

- 1. If this letter starts in A3, move this letter 1 space down and 2 to the right.
- 2. Otherwise, if a white letter starts in the A column ("a letter" includes this letter), move this letter to A2.
- 3. Otherwise, if this letter is magenta or cyan, move this letter to D4.
- 4. Otherwise, if there is a DVI-D port and there is NOT an RJ-45 port, move this letter to B2.
- 5. Otherwise, move this letter to Bl.

## Uppercase Gamma

- 1. If a letter in the serial number is in the first half of the alphabet, move this letter to D2.
- 2. Otherwise, if there is an empty port plate, move this letter to C2.
- 3. Otherwise, if all letters on this module are magenta, move this letter to Al.
- 4. Otherwise, if this letter is cyan AND starts in row 4, move this letter up 2 spaces.
- 5. Otherwise, move this letter to A2.

#### Lowercase Gamma

- 1. If the letter theta is present (any case, any color), move this letter to C1.
- 2. Otherwise, if this letter is NOT cyan AND the serial number contains a vowel, move this letter to B3.
- 3. Otherwise, if this letter starts in the C column, move this letter 1 spaces left (2 spaces if the last digit of the serial number is less than or equal to 4).
- 4. Otherwise, if the last digit of the serial number is prime, move this letter to D3.
- 5. Otherwise, move this letter to D4.

#### Uppercase Delta

- 1. If there is a Stereo RCA port, move this letter to B2.
- 2. Otherwise, if the number of batteries is greater than the last digit of the serial number, move this letter to A3.
- 3. Otherwise, if this letter is neither yellow nor magenta, move this letter to D4.
- 4. Otherwise, if there is a green lowercase omega on the module, move this letter to Al.
- 5. Otherwise, move this letter to Cl.

#### Lowercase Delta

- 1. If this letter is the only lowercase letter on the module, move this letter to C3.
- 2. Otherwise, if the last digit of the serial number + the number of solved modules is greater than 10, move this letter to B3.
- 3. Otherwise, if a letter starts in A3, move it there.
- 4. Otherwise, if this letter is the only cyan letter on the module, move this letter to B4.
- 5. Otherwise, move this letter to C2.

# Uppercase Theta

- 1. If the number of D batteries is greater than the number of AA batteries, move this letter to A4.
- 2. Otherwise, if there is an unlit CAR indicator, move this letter to a space in the B column, where the correct row is the last digit of the serial number modulo 4 and then added to 1.
- 3. Otherwise, if the 3 colors of the module are all unique, move this letter to a space in the D column, where the correct row is the number of port plates modulo 4 and then added to 1.
- 4. Otherwise, if there is also a lowercase theta on the module, move this letter to D1.
- 5. Otherwise, move this letter to B2.

#### Lowercase Theta

- 1. If this letter starts in a row unique to the other 2 letters, move this letter to D3.
- 2. Otherwise, if this letter is white, move this letter to a space in the C column, where the correct space is the current number of strikes modulo 4 and then added to 1.
- 3. Otherwise, if the number of solved modules is less than or equal to the number of current strikes, leave this letter where it is.
- 4. Otherwise, if there is a PS/2 port or any duplicate ports of any type, move this letter to Bl.
- 5. Otherwise, move this letter to A2. This will only count as correct if the number of minutes is odd.

## Uppercase Lambda

- 1. If the serial number contains an A, move this letter to Al.
- 2. Otherwise, if the serial number contains a B, move this letter to Bl.
- 3. Otherwise, if the serial number contains a D, move this letter to D1.
- 4. If the serial number contains an L or an M, move this letter to Cl.
- 5. Otherwise, move this letter to C4.

#### Lowercase Lambda

- 1. If there are two or more lit indicators, move this letter to D3.
- 2. Otherwise, if this letter shares a color with only 1 other letter on the module, move this letter to B2.
- 3. Otherwise, if there are more batteries than port plates, move this letter to Al.
- 4. Otherwise, if one letter on the module is yellow (not this letter), move this letter to the yellow letter's correct space.
- 5. Otherwise, move this letter to Dl.

#### Uppercase Pi

- 1. If it's Pi Day, leave this letter where it is.
- 2. Otherwise, if there is either a P or an I in the serial number, move this letter to B4.
- 3. Otherwise, if this letter starts in the same row as another letter, move this letter to D2.
- 4. Otherwise, if this letter starts in one of the corners of the grid, move this letter to A3.
- 5. Otherwise, move this letter to a space in column A where the correct space is the number of minutes on the timer modulo 4 and added to 1.

#### Lowercase Pi

- 1. If the last digit of the serial number is either 3, 1, or 4, leave this letter where it is.
- 2. Otherwise, if the number of battery holders is either 3, 1, or 4, move this letter to a row in the D column, where the correct row is the number of battery holders.
- 3. Otherwise, if the number of indicators (both lit and unlit) is either 3, 1, or 4, move this letter to a row in the B column, where the correct row is the number of indicators.
- 4. Otherwise, if the number of solved modules is either 3, 1, or 4, move this letter to a row in the C column, where the correct row is the number of solved modules.
- 5. Otherwise, move this letter to C3.

# <u>Uppercase Sigma\*\*</u>

- 1. If the number of batteries plus the number of current strikes is greater than or equal to 5, move this letter to A4.
- 2. Otherwise, if the number of lit indicators plus the number of port plates is greater than or equal to 5, move this letter to C2.
- 3. Otherwise, if the number of unlit indicators plus the last digit of the serial number is greater than or equal to 5, move this letter to Bl.
- 4. Otherwise, if the number of solved modules plus the number of battery holders is greater than or equal to 5, move this letter to D1.
- 5. Otherwise, move this letter to B3.
- \*\*Ignore all rules and leave the letter in it's initial spot if there is a lit SIG indicator.

## Lowercase Sigma\*\*

- 1. If this letter is green, move this letter to Bl.
- 2. Otherwise, if there is a parallel port, move this letter to B4.
- 3. Otherwise, if one and only one of the other letters is an uppercase lambda on the module, move this letter to the initial position of the uppercase lambda.
- 4. Otherwise, if this letter starts in the fourth row, leave this letter in its initial spot.
- 5. Otherwise, move this letter to Al.

\*\*Ignore all rules and leave the letter in it's initial spot if there is a lit SIG indicator.

#### <u>Uppercase Omega</u>

- 1. If this letter is magenta, move this letter to C4.
- 2. Otherwise, if the serial number contains a Z, move this letter to D2.
- 3. Otherwise, if there is an uppercase alpha on the module, move this letter to A3.
- 4. Otherwise, if the last digit of the serial number is composite, move this letter to B3.
- 5. Otherwise, move this letter to D1.

# <u>Lowercase Omega</u>

- 1. If this letter starts in C4, move this letter 2 spaces up and 1 to the left.
- 2. Otherwise, if the serial number contains a W, move this letter to A2.
- 3. Otherwise, if there are 0 batteries, move this letter to C3.
- 4. Otherwise, if this letter is cyan AND only one of the other letters is white, move this letter to D4.
- 5. Otherwise, leave this letter in its initial position.

# Letters That Can Appear

Name	Uppercase	Lowercase
Alpha	A	α
Beta	В	β
Gamma	Γ	Υ
Delta	Δ	δ
Theta	Θ	θ
Lambda	Λ	λ
Pi	П	п
Sigma	Σ	σ
Omega	Ω	ω