

3 wires: (When in doubt, cut *last*)

0 **red** -> cut 2nd.

last is **white** -> cut *last*.

2+ **blue** -> cut *last blue*.

Else -> cut *last*.

4 wires: (When in doubt, cut 1st)

2+ **red** & serial is odd -> cut *last red*.

last is **yellow** & no **red** -> cut 1st.

1 **blue** -> cut 1st.

2+ **yellow** -> cut *last*.

Else -> cut 2nd.

5 wires: (When in doubt, cut 1st)

last is **black** & serial is odd -> cut 4th.

1 **red** & 2+ **yellow** -> cut 1st.

0 **black** -> cut 2nd.

Else -> cut 1st.

6 wires: (When in doubt, cut 4th)

0 **yellow** & serial is odd -> cut 3rd.

1 **yellow** & 2+ **white** -> cut 4th.

0 **red** -> cut *last*.

Else -> cut 4th.

## Simple wires

**"Hold"** -> **Press**

**"Abort"** -> **Hold**

**"Detonate"** 2+ batt -> **Press**

White & CAR -> **Hold**

FRK 3+ batt -> **Press**

Else -> **Hold** (Blue -> 4, Yellow -> 5, Else -> 1)

## Button

Q	Ö	©	б	Ψ	б
А	Q	Ω	¶	Љ	Ö
λ	Ɔ	Q	Ɔ	Ɔ	✱
λ	Q	Ж	Ж	©	æ
Ж	☆	Ɔ	Ж	¶	Ψ
λ	λ	λ	ı	ž	Й
Ɔ	ı	☆	Љ	★	Ω

Blue means "unique".

## Keypad

Possible nicknames:

ping pong paddle, reverse E, **copyright**, 6, trident, 6

**capital A**, ping pong paddle, **butt**, paragraph, smiley w/tongue, reverse E

half-life, reverse C, round curl, lowercase b, lowercase b, **not equal**

**cursive n**, round curl, asterisk, kitty, **C**, **ae**

kitty, white star, **reverse F**, asterisk, paragraph, trident

weird H, weird H, half-life, upside down question, **alien 3**, **reverse Ñ** w/squiggle

reverse C, upside down question, white star, smiley w/tongue, **black star**, **omega**.

Actual names: (AFAICT)

capital koppa, cyrillic ë, **copyright**, shima, psi, shima

**yus**, capital koppa, **cyrillic omega w/titlo**, paragraph, teh w/ring, cyrillic ë

lambda w/stroke, rev. lunate sigma w/dot, abkhasian ha, yat, yat, **cyrillic thousand**

**lowercase koppa**, abkhasian ha, zhe, iotified big yus, **lunate sigma w/dot**, **ae**

iotified big yus, white star, **komi dzje**, zhe, paragraph, psi

kai, kai, lambda w/stroke, opening question mark, **ksi**, **cyrillic short i w/tail**

rev. lunate sigma w/dot, opening question mark, white star, teh w/ring, **black star**, **omega**.

Vowel:

XXXX

XXXX

XXXX

XXXX

No vowel:

XXXX

XXXX

XXXX

XXXX



## Simon says

No strikes, easy to memorize

Conflicts are highlighted with the same color.

Who's on first?

	<b>BLANK</b> 	<b>O</b> 	<b>OEE</b> 	<b>DISPLAY</b> 	<b>FIRST</b> 	<b>HOLD ON</b> 
<b>LEAD</b> 	<b>LEED</b> 	<b>LED</b> 	<b>NO</b> 	<b>NOTHING</b> 	<b>OKAY</b> 	<b>READ</b> 
<b>REED</b> 	<b>RED</b> 	<b>SAYS</b> 	<b>SEE</b> 	<b>THEIR</b> 	<b>THERE</b> 	<b>THEY ARE</b> 
<b>THEY'RE</b> 	<b>UR</b> 	<b>YES</b> 	<b>YOU</b> 	<b>YOU ARE</b> 	<b>YOUR</b> 	<b>YOU'RE</b> 

"blank": wait, right, okay, middle, blank ~~press, ready, nothing, no, what, left, uhhh, yes, first~~

"done": sure, **uh huh**, next, **what?**, **your**, **ur**, **you're**, hold, like, **you**, **u**, **you are**, **uh uh**, done

"first": left, okay, yes, middle, no, right, nothing, **uhhh**, wait, ready, blank, **what**, press, first

"hold": **you are**, **u**, done, **uh uh**, **you**, **ur**, sure, **what?**, **you're**, next, hold ~~uh-huh, your, like~~

"left": right, left ~~first, no, middle, yes, blank, what, uhhh, wait, press, ready, okay, nothing~~

"like": **you're**, next, **u**, **ur**, hold, done, **uh uh**, **what?**, **uh huh**, you, like ~~sure, you are, your~~

"middle": blank, ready, okay, **what**, nothing, press, no, wait, left, middle ~~right, first, uhhh, yes~~

"next": **what?**, **uh huh**, **uh uh**, **your**, hold, sure, next ~~uh-huh, you are, ur, you're, u, you~~

"no": blank, **uhhh**, wait, first, **what**, ready, right, yes, nothing, left, press, okay, no ~~middle~~

"nothing": **uhhh**, right, okay, middle, yes, blank, no, press, left, **what**, wait, first, nothing ~~ready~~

"okay": middle, no, first, yes, **uhhh**, nothing, wait, okay ~~left, ready, blank, press, what, right~~

"press": right, middle, yes, ready, press ~~uh-huh, blank, left, first, what, no, wait~~

"ready": yes, okay, **what**, middle, left, press, right, blank, ready ~~no, first, uhhh, nothing, wait~~

"right": yes, nothing, ready, press, no, wait, **what**, right ~~middle, left, uhhh, blank, okay, first~~

"sure": **you are**, done, like, **you're**, you, hold, **uh huh**, **ur**, sure, **u**, **what?**, next, your, **uh uh**

"u": **uh huh**, sure, next, **what?**, **you're**, **ur**, **uh uh**, done, **u** ~~you, like, hold, you are, your~~

"uh huh": **uh huh**, your, you are, you, done, hold, **uh uh**, next, sure, like, **you're**, **ur**, **u**, **what?**

"uh uh": **ur**, **u**, **you are**, **you're**, next, **uh uh** ~~done, you, uh huh, like, your, sure, hold, what?~~

"uhhh": ready, nothing, left, **what**, okay, yes, right, no, press, blank, **uhhh**, middle, wait, first

"ur": done, **u**, **ur** ~~uh-huh, like, next, uh uh, you are, you~~

"wait": **uhhh**, no, blank, okay, yes, left, first, press, **what**, wait ~~nothing, ready, right, middle~~

"what": **uhhh**, **what** ~~uh-huh, blank, left, first, wait, yes, press, right~~

"what?": you, hold, **you're**, **your**, **u**, done, **uh uh**, like, **you are**, **uh huh**, **ur**, next, **what?**, sure

"yes": okay, right, **uhhh**, middle, first, **what**, press, ready, nothing, yes ~~uh, blank, no, wait~~

"you are": **your**, next, like, **uh huh**, **what?**, done, **uh uh**, hold, you, **u**, **you're**, sure, **ur**, **you are**

"you": sure, **you are**, **your**, **you're**, next, **uh huh**, **ur**, hold, **what?**, **you** ~~uh uh, like, done, u~~

"your": **uh uh**, **you are**, **uh huh**, **your**, next, **ur**, sure, **u**, **you're**, you, **what?**, hold, like, done

"you're": you, **you're** ~~uh-huh, next, uh uh, you are, u, your, what?, uh huh, sure, done, like, hold~~

## Memory

### Stage 1:

1 = second  
2 = second  
3 = third  
4 = fourth

### Stage 2:

1 = "4"  
2 = stage 1 position  
3 = first  
4 = stage 1 position

### Stage 3:

1 = stage 2 label  
2 = stage 1 label  
3 = third  
4 = "4"

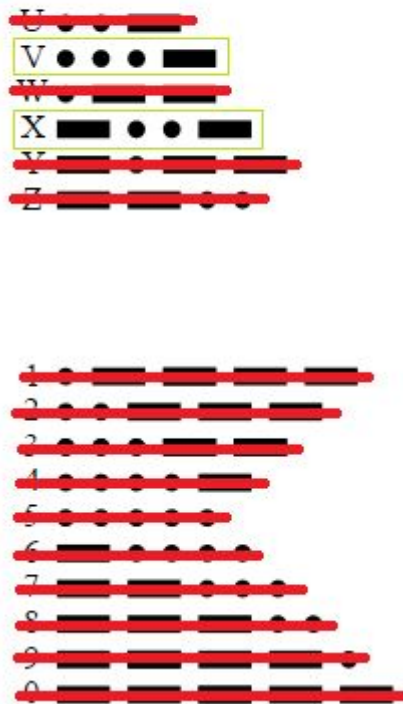
### Stage 4:

1 = stage 1 position  
2 = first  
3 = stage 2 position  
4 = stage 2 position

### Stage 5:

1 = stage 1 label  
2 = stage 2 label  
3 = stage 4 label  
4 = stage 3 label

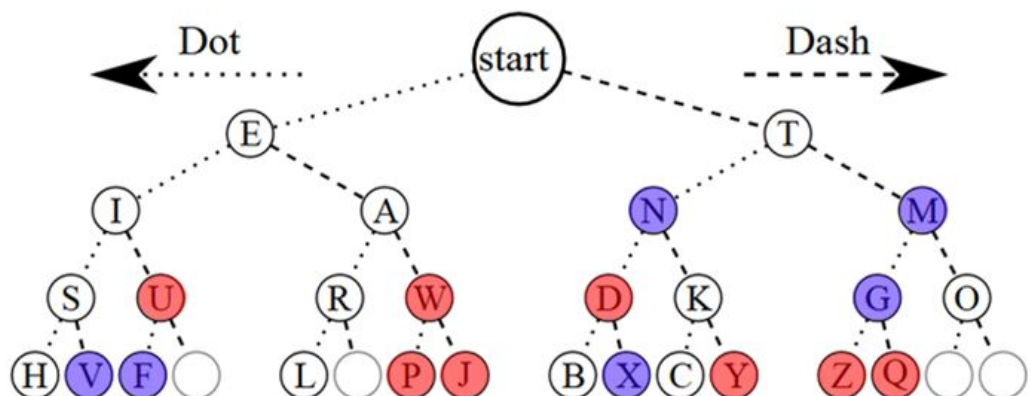
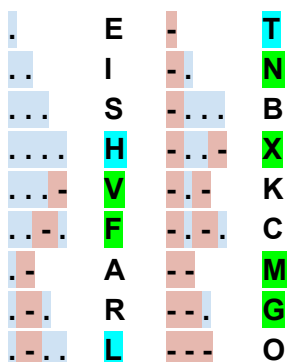
1. The length of a dot is one unit.
2. A dash is three units.
3. The space between parts of the same letter is one unit.
4. The space between letters is three units.
5. The space between words is seven units.



beats	3.600 MHz
bistro	3.552 MHz
bombs	3.565 MHz
boxes	3.535 MHz
break	3.572 MHz
brick	3.575 MHz
flick	3.555 MHz
halls	3.515 MHz
leaks	3.542 MHz
shell	3.505 MHz
slick	3.522 MHz
steak	3.582 MHz
sting	3.592 MHz
strobe	3.545 MHz
trick	3.532 MHz
vector	3.595 MHz

## Morse

Stay alert for green characters, they're unique.  
Cyan characters are just unique starters, if you can be sure.  
(Sorry, nothing else I can do can make this any less shitty.)



(remember that **red**&**white** = **red** and **blue**&**white** = **blue**)

Always: cut **red**+**star**, **white**(+**star**).

Serial is even: cut **red**, **blue**, **red**&**blue**(+**LED**)

Parallel port: cut **red**&**blue**+**star**, **blue**+**LED**(+**star**)

2+ batteries: cut **white**+**LED**+**star**, **red**+**LED**(+**star**)

## Complex wires

Either follow the table with three fingers or make a three column table and make a mark for Sequence each occurrence.

<b>C</b>	<b>B</b>	Yes
<b>B</b>	<b>A/C</b>	<b>A/C</b>
<b>A</b>	<b>B</b>	<b>B</b>
<b>A/C</b>	<b>A</b>	<b>A/C</b>
<b>B</b>	<b>B</b>	<b>B</b>
<b>A/C</b>	<b>B/C</b>	<b>B/C</b>
<b>Yes</b>	<b>C</b>	<b>A/B</b>
<b>A/B</b>	<b>A/C</b>	<b>C</b>
<b>B</b>	<b>A</b>	<b>C</b>

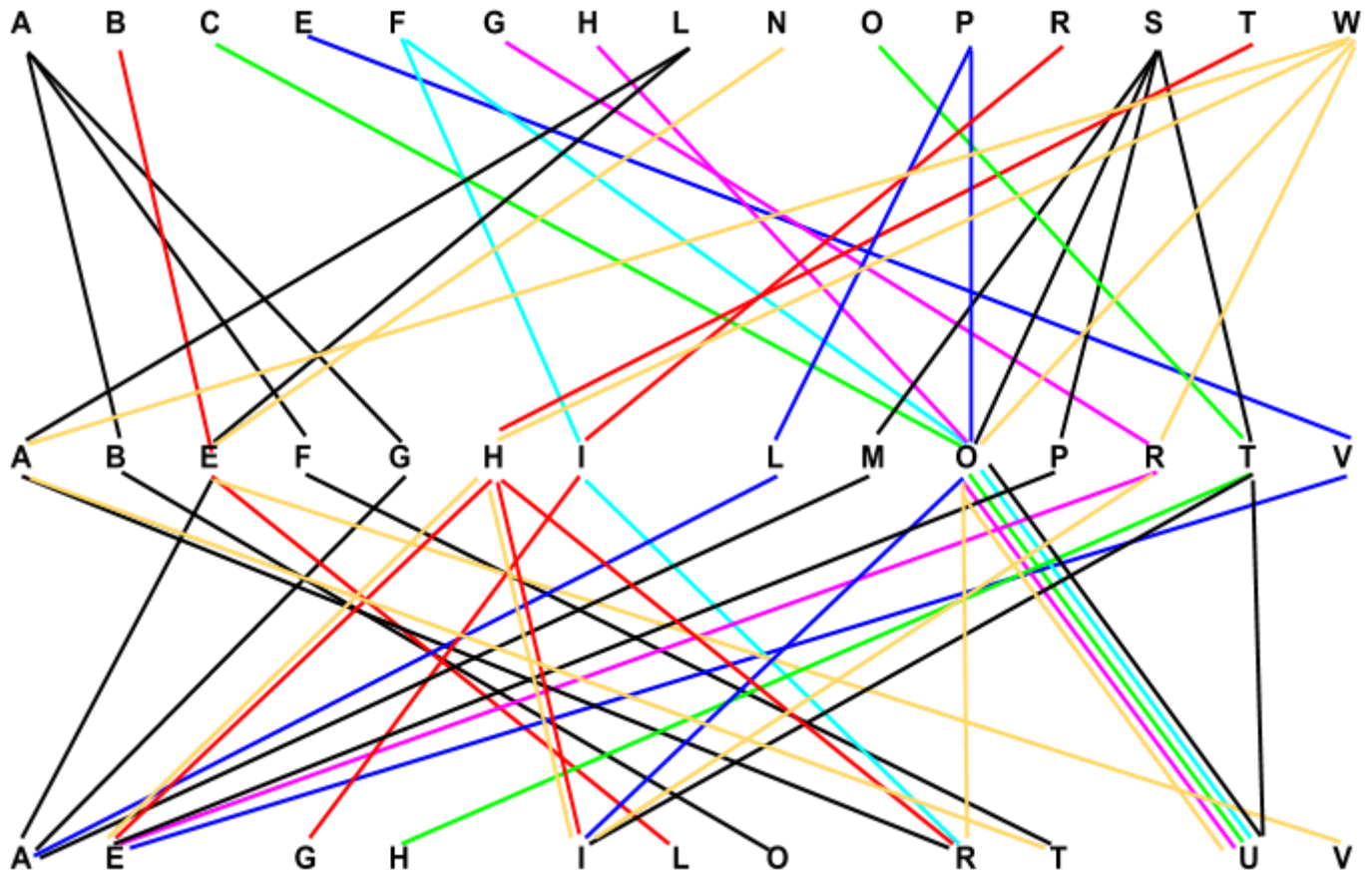
1 2 3 4 5 6    1 2 3 4 5 6    1 2 3 4 5 6    Maze

A			
B			
C			
D			
E			
F			

Note: You only ever need ONE of the marks.

## Password

Write the 6 options in the first letter. Copy the letters they connect to in this diagram. Ask for the 6 options for the 2nd letter, pick them out from the letters you just copied. If the result is not obvious already, repeat with third letter (important: follow **only** the same line color from the first letter). If you can't be sure with that, it's probably something with "pla", "the" or "thi", which should be easy to figure out for the defuser (or maybe you were just confused by the jumbled mess of lines... can't blame you there).



*(Just so I know: has anybody found this diagram useful at all? Or is it just too much? Leave a comment!)*

**A:** about, after, again

**B:** below

**C:** could

**E:** every

**F:** first, found

**G:** great

**H:** house

**L:** large, learn

**N:** never

**O:** other

**P:** place, plant, point

**R:** right

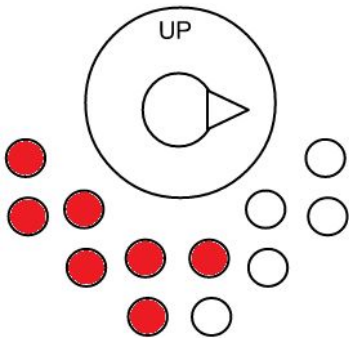
**S:** small, sound, spell, still, study

**T:** their, there, these, thing, think, three

**W:** water, where, which, world, would, write



## Knob



Ignore red marked lights. Remember UP can change. (If it's too hard to remember or explain, just say "the rightmost 6 lights" and ignore the first)

00010	Right
01101	Down
10001	Down
10011	Up
10110	Left
10111	Left
11010	Right
11101	Up

Alternatively:

First look at the middle two, and if they are both lit the answer is "right", both unlit means the answer is "left", otherwise proceed to the rightmost two columns.



Alternatively, the defuser can look at the highlighted LEDs (the ones on the left) in the diagram below and tell the expert how many are lit.

0 or 1	LEFT
3	DOWN
4	UP
5 in a U shape, meaning the blue is unlit	RIGHT
5 but not in a U shape	DOWN

