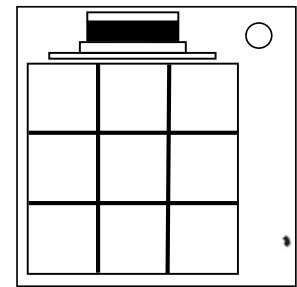


On the Subject of Out of Time

Time remaining? Not on my watch!

This module presents a display with a counter, which can be increased using the keypad. The keypad has the layout shown on the right. The module's keys do not show these values on the keypad, but letters instead.

7 8 9
4 5 6
1 2 3



Pressing a button on the keypad will increase the counter by its corresponding value. When the counter is greater than the bomb's timer in seconds, the module will solve upon the next press.

The keypad buttons must be pressed in the correct order according to the sequence grid. Pressing a button out of order will issue a strike instead.

Press and hold the display to see the previous inputs. Find these in the grid and continue the sequence thence.

Backlighting

Sometimes the backlighting will turn on, during which the counter or the values of the buttons behave differently. Use the color table to take note of which color corresponds to which effect. This lighting up happens at random.

Red: Values are doubled.

Yellow: Value is multiplied by previous.

Green: Difference with previous value is added.

Cyan: Every button adds 10.

Blue: Values are squared.

Magenta: Buttons add minutes, not seconds.

White: Each press adds one more than the previous.

For every strike on the bomb, the colors cycle forward a rule.

The keypad and display are placed on pistons which allow them to extend as far out as the status light's tip. If these pistons are extended, the module craves interaction. The further out the pistons are, the more cravings the module has.

When these cravings are satisfied, the module is much more likely to light up when it's among the last unsolved modules left on the bomb.

Future cravings can be preemptively satisfied, and old forgotten cravings can still be as well. The display will flash a smiley face when any craving is satisfied.

```

RUHUH CCUUS RHSXE EJSJV VUHSV RVHCR CJVXJ HJEEV ESCCR JSJCE
SERJC XRHCX XURXE EHURH RSJEX JVRHU UJUUE RESHX SUEHS JRUUS
CXHUV JCVUE EHJXS VHXJH EJRSE UHXRJ UCRHH XXHRJ XHVXR RJCHX
RXAJU CVSUJ CVXVJ YOOAU OECEC MASVM ETTUA MAEYY MEOEU TCOAS
YMMMO OUAYS YOUCO EMEEY TATAC MCTTM TGEAO SYGAG TSOMU YEUST
EAGYE TUTGE EMMMT AMSOA ESUYA GSGYM ASSSG AGMOM EGMAA TBAEY
MBTAA OUYOA YYETA MOWOB MMETE TYTAM YAYAT OTTAZ MZBYT YTTZB
OAOMZ WTMOZ WMGZO WTGMW MOOWA OAYTG MYWWY YGOOW OAMTW AWMWY
GYWMA WBAWB OMMOT BWBOT BTAWY OZBTZ ABBBM AWMGW GTTTG TWWDO
WMTGO TZQOG QWBOD YIZWI WQDQQ GWWDG OYYYQ DOWFY ZDGBZ DYWBF
ZDWDQ IZIFG FIBIB YYDGZ BIFBY YWDGD IIBBG DZWBZ DWZQI BDLIW
IDWQW DLZGF GDFIZ BBWZW IZLZZ WFZGK ZKZLK LQQZD KFKLQ GKDKZ
DGDGZ LLIIQ KFBGG ZLLGG BZIBB KIFBZ BZKFL IDKKK DBDGF FILBQ
FKLLZ QIKQF BBZZL LDFIG IQILB FDPFK KIILF NFDDL NLIDD ZNNPZ
LPKKQ NPZPL PKNID KLVFV QNQQP PNVNF NKINI LPPQD QKFPP QQINK
VKFNI NFKDP PVLKP LINLL VDVIL PQVKD FDFLX ILNLF QPFFL IXPPQ
NLNVI QPXFQ QVLIL FLNKK NKKNF PKLXK LKKIJ RQKRV PQKQX NFQXJ
PPCQJ XFCCQ NXNJQ RNJQQ XXPHF NHRRR XRRNP HRHHJ FVPRN CNVXN
NCVJP JCHNC NNSSC PCJJN PPHNH JXSSR RVRHS VNNPX RNSRV CPSXR
UXPSC SJHJX JPRXR VSVCU VHHHU UHPVH CSURC PVJUV XPUXH HUCCJ

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The Sequence Grid

This top grid is of size 50 by 20, with spacing every 5 characters for readability.

The bottom grid is the same grid, but without spacing. It also has the first and last occurrences of each letter emphasized in bold and with an underline respectively.

```

RUHUHCCUUSRHSXE EJSJV VUHSV RVHCR CJVXJ HJEEV ESCCR JSJCE
SERJCXRHCXXURXEEHURHRSJEXJVRHUUJUUERESHXSUEHSJRUUS
CXHUVJCVUEEHJXS VHXJH EJRSE UHXRJ UCRHHXXHRJXHVXRRJCHX
RXAJUCVSUJCVXVJYOOAUOECECMASVMETTUA MAEYY MEOEU TCOAS
YMMMOUAYSYOUCOEME EYTATACMCTTMTGEAOSYGAGTSOMUYEUST
EAGYETUTGEEMMMTAMSOAESUYAGSGYMASSSGAGMOMEGMAATBAEY
MBTAAOUYOAYYETAMOWOBMMETE TYTAMYAYATOTTAZMZBYTYTTZB
OAOMZWTMOZWMGZOWTGMWMOOWAOAYTGMYYWYYGOOWOAMTWAWMWY
GYWMAWBAWBOMMOTBWBOTBTAWYOZBTZABBBMAWMGWGTTTGTWWDOW
WMTGOIZQOGQWBODYIZWIWQDQQGWWDGGOYYYQDQWIFYZDGBZDYWBF
ZDWDQIZIFGFIBIBYYDGZBIFBYYWDGDIIBBGDZWBDDWZQIBDLIW
IDWQWDLZGF GDFIZBBWZWIZLZZWFZGKZKZLK LQQZDKFKLQ GKDKZ
DGDGZLLIIQKFBGGZLLGGBZIBBKIFBZBZKFLIDKKKDBDGGFFILBQ
FKLLZQIKQFBBZZLLDFIGIQILBFDPFKKIILFNFDDLNLIDDZNNPZ
LPKKQNPZPLPKNIDKL V FVQNNQQPPNVNFNKINILPPQDQKFPPQQINK
VKFNINFKDPPVLKPLINLLVDVILPQVKDFDFLXILNLFQPFFLIXPPQ
NLNVIQPFKQVLILFLNKKNNKNF PKLXKLKKIJRQKRVPOKQXNFQXJ
PPCQJXFCCQNXNJQRNJQQXXPHFNHRRCXRRNPHRHHJFVPRNCNVXN
NCVJPJCHNCNNSCPCJJNPPHNHJXSSRRVRHSVNNPXRNSRVCPSXR
UXPSCSJHJXJPRXRVSVCUVHHHUUHPVHCSURCPVJUVXPUXHHUCCJ

```

Each letter occurs exactly 38 or 39 times.

Note that the sequence is cyclic and has no real beginning and end.