

It's All in the Typing - Minesweeper Edition (Solution)

Note: This puzzle will give you the keyword you will need to provide on Tuesday's lunch to receive your next set of puzzles.

The clue at the bottom hints at all of the steps!

Step 1: Complete

Place the additional 3x3 grids into the missing portions of the 12x12 grid to complete the Minesweeper solution according to Minesweeper rules - each square that is not a mine is surrounded by as many mines as the number in the square (including diagonals). You will get the following:

*	2	2	*	1	1	2	*	*	1	0	0
2	*	2	1	1	1	*	5	4	3	1	1
2	3	3	2	1	2	2	*	*	3	*	2
1	*	*	3	*	1	2	4	4	5	*	3
1	3	4	*	4	3	3	*	*	5	*	3
1	2	*	4	*	*	3	*	4	*	*	3
2	*	3	*	3	2	2	1	3	3	4	*
*	4	4	3	3	2	2	1	3	*	4	2
2	*	*	5	*	*	3	*	4	*	*	3
1	3	*	*	*	4	*	4	*	5	*	*
1	3	5	*	5	4	3	*	3	*	4	3
*	2	*	*	*	2	*	2	2	2	*	1

Step 2: Overlay

Overlay this 12x12 minesweeper grid with the provided 12x12 grid of letters. If we highlight the letters in the latter grid that correspond with mines in the first grid, we get:

T	T	T	R	F	S	E	E	A	R	Q	K
S	T	G	K	K	D	A	B	P	S	A	X
G	P	U	U	A	S	B	L	L	Z	Q	C
J	W	E	E	R	O	C	G	H	V	T	U
A	W	L	Y	A	I	L	K	E	K	Y	A
D	W	S	C	A	S	A	C	J	O	L	M
S	E	V	M	A	B	N	D	N	F	A	A
K	G	N	D	L	S	K	F	D	A	P	F
R	N	D	S	C	H	K	A	A	N	G	L
M	P	E	A	L	E	L	F	C	A	O	P
A	R	P	I	J	G	O	E	A	S	P	J
O	Y	F	P	T	C	O	L	A	O	O	N

If we write these letters out in sequential order, left to right and up to down, we get:

TREATALLQWERTYKEYSASCOLEMAKANDCHANGEALLCOPIESOFPTOO

and if we add spaces:

TREAT ALL QWERTY KEYS AS COLEMAK AND CHANGE ALL COPIES OF P TO O

Step 3: Change

As we deciphered in Step 2, we change all of the letters in the grid as if we have a Colemak keyboard instead of a normal keyboard (it's all in the typing!). A Colemak keyboard (easily found on Google) looks like:

`	1	2	3	4	5	6	7	8	9	0	-	=	Backspace
Tab	Q	W	F	P	G	J	L	U	Y	;	[]	\
Backspace	A	R	S	T	D	H	N	E	I	O	'		Return
Shift	Z	X	C	V	B	K	M	,	.	/			Shift
Ctrl	Alt		Space									AltGr	Ctrl

We will get a grid that now looks like:

G	G	G	P	T	R	F	F	A	P	Q	E
R	G	D	E	E	S	A	B	O	R	A	X
D	O	L	L	A	R	B	I	I	Z	Q	C
N	W	F	F	P	Y	C	D	H	V	G	L
A	W	I	J	A	U	I	E	F	E	J	A
S	W	R	C	A	R	A	C	N	Y	I	M
R	F	V	M	A	B	K	S	K	T	A	A
E	D	K	S	I	R	E	T	S	A	O	T
P	K	S	R	C	H	E	A	A	K	D	I
M	O	F	A	I	F	I	T	C	A	Y	O
A	P	O	U	N	D	Y	F	A	R	O	N
Y	J	T	O	G	C	Y	I	A	Y	Y	K

Step 4: Search

Now treat this like a word search! We end up finding eight words, as highlighted below (note that words can be backwards or forwards, straight or diagonal):

G	G	G	P	T	R	F	F	A	P	Q	E
R	G	D	E	E	S	A	B	O	R	A	X
D	O	L	L	A	R	B	I	I	Z	Q	C
N	W	F	F	P	Y	C	D	H	V	G	L
A	W	I	J	A	U	I	E	F	E	J	A
S	W	R	C	A	R	A	C	N	Y	I	M
R	F	V	M	A	B	K	S	K	T	A	A
E	D	K	S	I	R	E	T	S	A	O	T
P	K	S	R	C	H	E	A	A	K	D	I
M	O	F	A	I	F	I	T	C	A	Y	O
A	P	O	U	N	D	Y	F	A	R	O	N
Y	J	T	O	G	C	Y	I	A	Y	Y	K

The words are: PERCENT, CARAT, AMPERSAND, DOLLAR, AROBASE, EXCLAMATION, ASTERISK, and POUND. These are the symbols (in no particular order) that correspond to the numbers 1 through 8 on a normal keyboard (it's all in the typing!). We thus decide to order

the words in their “numerical” order:

- 1 - EXCLAMATION
- 2 - AROBASE
- 3 - POUND
- 4 - DOLLAR
- 5 - PERCENT
- 6 - CARAT
- 7 - AMPERSAND
- 8 - ASTERISK

Step 5: Next letter

Now, find the letter that follows each word in the word search. These letters are highlighted below:

G	G	G	P	T	R	F	F	A	P	Q	E
R	G	D	E	E	S	A	B	O	R	A	X
D	O	L	L	A	R	B	I	I	Z	Q	C
N	W	F	F	P	Y	C	D	H	V	G	L
A	W	I	J	A	U	I	E	F	E	J	A
S	W	R	C	A	R	A	C	N	Y	I	M
R	F	V	M	A	B	K	S	K	T	A	A
E	D	K	S	I	R	E	T	S	A	O	T
P	K	S	R	C	H	E	A	A	K	D	I
M	O	F	A	I	F	I	T	C	A	Y	O
A	P	O	U	N	D	Y	F	A	R	O	N
Y	J	T	O	G	C	Y	I	A	Y	Y	K

Put these letters in the 1-8 order as found before, and you get the keyword - **KEYBOARD**.

IT'S ALL IN THE TYPING, isn't it?