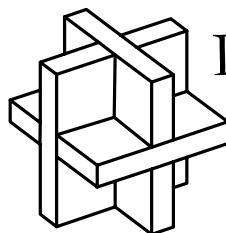# *Adalogical Ænigmas*
No. 71

Pavel's Puzzles

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Gentle solver,

I have had the privilege, over my lifetime, to have met and known more than a few pairs of *twins*, and it is my conclusion, after all those meetings, that there is something more to such individuals than is at first apparent. Be they fraternal or identical, I have observed a sort of mysterious *communication* at work: some *invisible* channel carries information between twins, by-passing anything we less bless'd folk could intercept.

The ænigma that follows was inspired by this strange inter-twin intercourse.

In the grid below, please blacken exactly two squares in each row and column of every heavily outlined 7×7 *subgrid*; these blackened squares represent our *twins*. Fill all of the *remaining* squares with digits in the given range, employing one of each digit in every subgrid row and column.

Numbers *outside* the grid specify the sum of the digits placed *between* the two black squares in the corresponding subgrid row or column; these digits represent that eerie twin-to-twin effect.

Once you have finished your grid, you may move on to finding the final answer to my ænigma. Identify those squares that contain *prime* digits (viz., 2, 3, or 5). At each such square, advance its letter in the alphabet (wrapping around from Z to A as necessary) by that square's digit. Reading the resulting letters in left-to-right, top-to-bottom order will reveal a clue to your final answer.

Good luck!

Ada

Example

Range: 1 - 4

	4	10	?	5	?	0
9	A	N	P	B	L	E
7	N	L	N	M	J	I
5	S	W	N	H	C	I
?	H	D	D	R	A	Y
?	W	L	D	A	O	H
2	B	M	P	T	M	I

B + 2 = D
L + 3 = O
N + 2 = P
M + 3 = P
C + 2 = E
I + 3 = L
D + 3 = G
Y + 2 = A
L + 2 = N
D + 3 = G
B + 3 = E
P + 2 = R

Answer: DOPPELGANGER

Range: 1 - 5

			?	4	12	?	13	?	?		11	?	?	7	8	12	7			
					?	10	?	12	12	?	2		10	8	0	?	?	11	?
?		12	O	C	N	I	G	W	P		T	J	R	P	I	A	Q			
5		10	E	D	E	D	U	Z	Z		D	L	R	Q	Z	C	W			
?		?	P	A	H	R	I	Q	B		J	M	S	E	U	A	K			
9		8	N	T	O	T	B	H	G		K	Z	G	F	Q	V	I			
1	?	5	?	S	L	S	B	M	M	J	R	M	A	H	K	T	J	D	Z	S	H	L
?	3	13	2	S	B	L	O	D	A	D	P	H	J	I	Z	A	C	C	U	N	F	S
?	?	4	6	I	J	R	O	N	L	E	F	N	Q	O	H	F	O	L	L	P	A	O
8		8	V	P	S	V	K	A	P		Q	G	W	Z	X	N	A			
?		?	N	Y	R	C	D	L	A		R	L	P	X	T	I	A			
?		?	Y	A	Q	B	E	C	F		M	D	B	V	A	T	D			
13		2	C	A	I	D	Z	A	T		Z	W	D	U	P	S	P			

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__ __ __ __ __ __ __ __ __ __ ④