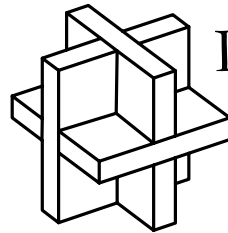


Adalogical Ænigmas

No. 85 of 100



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Gentle solver,

Intrigued as I always have been by *numbers*, it struck me from a very early age that we regularly employ them in a particularly *strange* fashion, *viz.* that when enumerating items in a written list, we place *lower* numbers higher up and *higher* numbers lower down! I daresay that, even if you never have *consciously* noted this oddity before, you now shall find our bizarre behavior difficult to ignore!

Recently noticing this conventional peculiarity anew, I was inspired to create the ænigma you see before you.

In the grid below, I pray you will place a number into every empty square; each heavily outlined *region* of size *n* must contain every number betwixt 1 and *n* exactly once. If two numbers in the same region are *vertically* adjacent, then the upper number must *naturally* be larger than the lower one. To avoid unsightly repetition, no two instances of the same number may be horizontally or vertically adjacent.

Once you have finished your placements, you may move on to finding the final answer to my ænigma. Identify each square containing a *prime number* (e.g., 2, 3, or 5) and advance its letter in the alphabet (wrapping around from Z to A as necessary) by that number. Reading the resulting letters in left-to-right, top-to-bottom order will reveal a clue to your final answer.

Good luck!

Ada

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Example

X	M	Q	K	H	Q	4
F	B	B	X	G	Z	O
N	W	E	R	E	D	G
P	D	P	Q	G	P	R
C	P	P	O	K	V	4
H	3	J	A	M	Q	F
C	T	Q	M	M	N	K

X	3	1	3	4	1	3	4						
F	2	3	2	X	3	G	Z	O	3				
N	1	W	E	1	R	2	E	3	D	4	G	2	
P	3	D	1	P	2	Q	1	G	2	P	3	R	1
C	2	P	4	3	5	K	4	V	1	4			
H	1	3	J	1	A	4	M	2	3	F	2		
C	2	1	3	2	1	2	1	2	1	2	1		

↓

X	3	1	3	4	1	3	4						
F	2	3	2	X	3	G	Z	O	3				
N	1	W	E	1	R	2	E	3	D	4	G	2	
P	3	D	1	P	2	Q	1	G	2	P	3	R	1
C	2	P	4	3	5	K	4	V	1	4			
H	1	3	J	1	A	4	M	2	3	F	2		
C	2	1	3	2	1	2	1	2	1	2	1		

Clue:
AT THE DAIRY, THIS RISES TO THE TOP

Answer:
CREAM

Need assistance with Ada's ænigma? Hints and other help are available at www.pavelspuzzles.com/aenigmas/85

3	M	S	P	P	3	G	Z	E	K	G	K	K	Y	I	E	J	S	K	V	J
S	F	L	C	R	Z	K	V	S	A	S	B	B	Q	Y	P	Z	W	X	Q	V
Q	K	X	D	N	G	P	B	C	K	2	W	F	M	5	R	C	L	N	H	J
J	O	B	J	K	W	H	M	T	J	Q	Y	H	D	C	P	D	C	O	G	L
R	Q	A	I	W	S	R	E	R	G	F	O	Q	K	M	A	L	J	L	E	T
A	B	N	S	Q	4	Q	G	K	X	K	X	M	K	Y	D	X	B	T	J	N
R	N	D	L	T	C	K	D	R	L	M	Z	P	C	N	A	P	O	5	T	F
K	D	E	Q	A	F	F	X	Z	4	R	V	J	M	C	Q	L	E	M	K	N
J	B	Q	G	K	A	T	Y	E	G	B	P	X	C	O	M	A	E	W	S	R
Z	C	K	I	E	B	Q	L	M	D	K	N	P	D	P	N	D	C	F	R	L
Q	G	F	B	G	M	P	I	K	B	N	2	H	S	C	I	W	L	4	M	D
G	K	T	A	D	L	R	K	M	G	C	G	Q	C	V	L	G	A	M	B	B

Send your answer to aenigma@pavelspuzzles.com by 11/30/2020: you'll earn a **10% discount** at Pavel's Puzzles and could win a **free physical puzzle!** Details at www.pavelspuzzles.com/aenigmas/85.
