

# Adalogical Ænigmas

No. 17

Gentle patron,

As you may already have gleaned if you regularly attempt my Ænigmas, I harbour a deep love of all things mathematical, but above all I am drawn particularly to the most primal elements of mathematics, viz., *numbers*. Indeed, dear Mr. Babbage used to enjoy my embarrassment when he oft referred to me as his *Enchantress of Numbers*.

In the present Ænigma, I hope you will forgive my immersing you in this passion in a most *unabashed* fashion.


Please enter a single digit, betwixt 1 and 7, in each and every square in the diagram below. (In the example, I use only the digits from 1 to 5.) Each boldly outlined, 7-by-7 square in the diagram should receive exactly one of *each* digit in every row and every column. Note that some small squares participate in *two* such larger regions and must obey the constraints for *both*.

Where there exists a less-than symbol between two squares, pray ensure that your entered digits obey the given inequality. Where a circled number has been placed, your digits must differ by *precisely* that amount.

Once your diagram is complete, you can move on to finding the final answer to my Ænigma. In each column of the diagram, please sum the numbers you entered in the *shaded* squares. Translating each sum into a letter (with 1 = A, 2 = B, and so on), and reading those letters in left-to-right order will reveal a clue to your final answer.

Good luck!



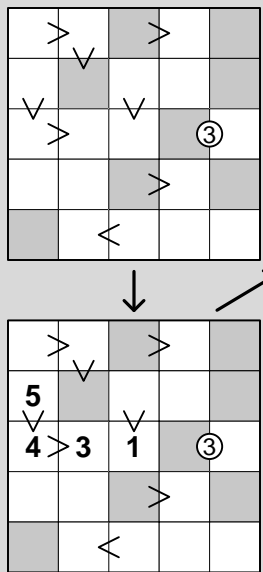


## ADA'S

TECHNICAL BOOKS AND CAFE  
for the cravings -of- the technical mind

425 15<sup>th</sup> Avenue East, Seattle, WA 98112

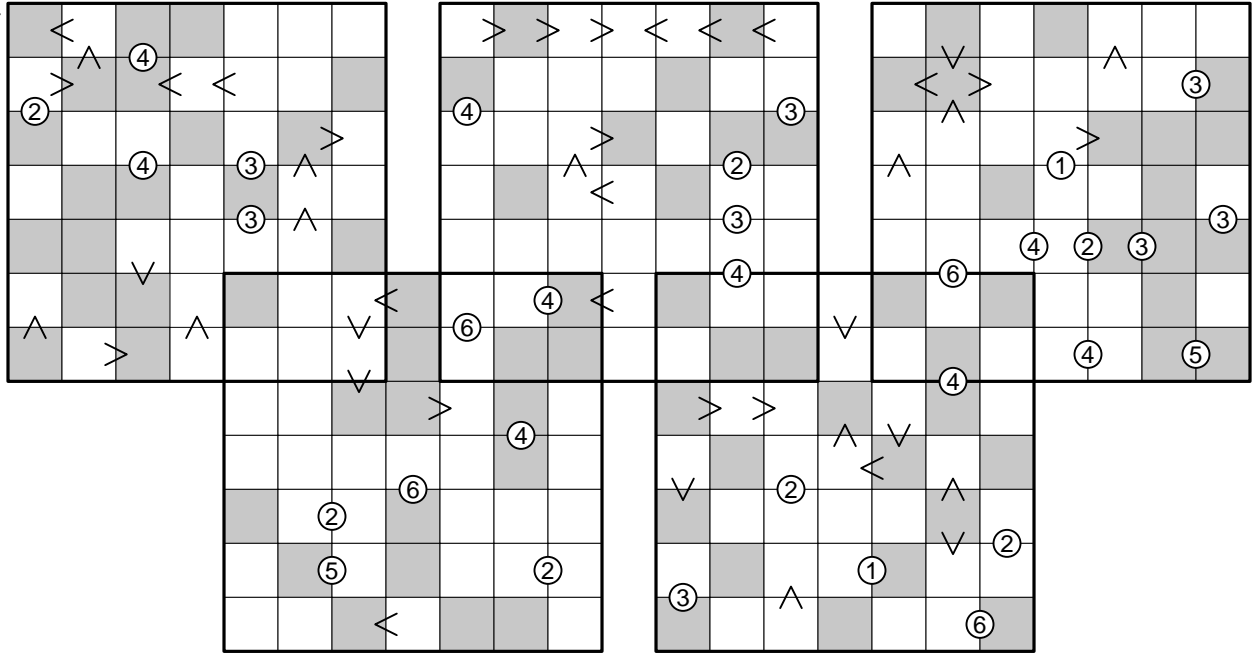
### Example



3	>	2	4	>	1	5
5	∇	1	2	4	3	
4	>	3	1	5	⊙	2
1	5	3	>	2	4	
2	4	<	5	3	1	
2	1	7	5	12		
B	A	G	E	L		

Answer:  
**BAGEL**

Need assistance with Ada's Ænigma? Hints and other help are available at <[www.pavelspuzzles.com/adas/17](http://www.pavelspuzzles.com/adas/17)>



Fill in your answer and give to a cashier for your prize.

This month's prize: **one free non-alcoholic drink!**

(Limit one per solver. Offer available through 3/31/2015.)

\_\_\_\_\_