



[www.bigimarkets.com](http://www.bigimarkets.com)

[Forget Password?](#)

[BIM Help Desk](#)

[TFT Archives](#)

## STUDENT OF THE INDUSTRY PARTING SHOT

### Farewell to a Colleague and a Nod to "=Mod"

By Paul Buse, President of Big I Advantage®

I missed writing my Student of the Industry Parting Shot last week as I was recovering from the news that my best friend and colleague, Dave Evans, was stepping down from his position at IIABA. Dave is pursuing a consulting opportunity aimed at "improving the 401k plans of the world" starting in August (my summary not his). He's also cutting back his travel and will be nearer his family more.

Yes, Dave Evans, "keeper of all miscellaneous knowledge," founder of our retirement program offerings at Big I Advantage®, Publisher of *IA magazine* and many things outside Big I Advantage at IIABA, is moving on! Accolades to Dave on the bold move. Tears, of course for me... I feel like the yang just fell off my Kung Fu shirt.

One of the things I enjoy with Dave is his "Wall Street" contacts. Often he forwards to me a newsletter from a financial historian and market watcher at UBS, Art Cashin, Director of Floor Operations at the NYSE. His newsletter takes a broad view of the financial news and history. He often throws in puzzles. On the day Dave announced his "retirement", the question was the below:

#### Today's Question:

**What is the smallest positive number which, when divided by 2, 3, 4, 5, and 6, always leaves a remainder of 1?**

Source: June 19, 2017 UBS Financial Services Inc. "Cashin's Comments" All Rights Reserved. Member FINRA/SIPC, UBS Financial Services Inc. is a subsidiary of UBS AG

So what's the answer? 61. Those five numbers all "guz-in-tah" 61 with one leftover. I got it by using the Excel formula "=Mod(number, divisor)" and I just checked when computation each equals "1." I did the calculation in a row for each of 2, 3, 4, 5, and 6 and then did a check for when all remainders all equal "1." Spreadsheet is below. You may see "=Mod" used in formulas in neat ways by Excel aficionados but like the use of the two formulas Indirect() and Address() combined together, that subject is worth its own student column on another day!

Number	Remainders for each Divisor (aka "guzintah")					"Yes!" (When All are "1s")
6	0	0	2	1	0	Nope
7	1	1	3	2	1	Nope
8	0	2	0	3	2	Nope
9	1	0	1	4	3	Nope
10	0	1	2	0	4	Nope
11	1	2	3	1	5	Nope
...	...	...	...	...	...	N/A
61	1	1	1	1	1	YES!
...	...	...	...	...	...	N/A
121	1	1	1	1	1	YES!

[Click for larger version](#)

*The product and eligibility may have been revised or discontinued since the original article was written. Review the Information page for each product on Big "I" Markets for current content and instructions.*