Puzzle: June 2023

Did you know that Volunteers setting questions for BMO, Olympiad for Girls, IMOK, JMO, SMC, IMC or JMC only have a couple of their questions chosen out of ten submitted? Respect!

$$\begin{array}{cccccc} & G & A & U & S & S \\ E & U & C & L & I & D \\ \hline G & E & N & I & U & S \end{array} +$$

The letters A, C, D, E, G, I, L, N, S and U represent different digits in the addition above with C < A. Solve the addition numerically.

The names of those sending answers to volunteering@ukmt.org.uk by 31st July will appear in the next Volunteers Newsletter.

Puzzle: March 2023 Answers:

(a)	2	3	541			2	5	431		
	2	41	53			3	5	241		
	3	5	421			5	23	41		
(b)	2	3	5	461		2	3	5	641	
	2	5	43	61						
(c)	2	3	5	7	461		2	3	5	7	641
	2	3	5	41	67		2	3	5	47	61
	2	5	7	43	61						
(d)	2	5	7	41	683		2	5	7	41	863
	2	5	7	83	461		2	5	7	83	641
	2	5	41	67	83		2	5	47	61	83
	2	3	5	61	487						
(e)	2	3	5	7	89	461					
	2	3	5	7	89	641					
	2	3	5	41	67	89					
	2	3	5	47	61	89					
	2	5	7	43	61	89					

Correct answers from: Tony C

Thank you Tony for pointing out 2 3 5 61 487 are prime which I missed. The first mistake in 3 years, I must try harder!