

**Contest: HexaNum**

**July 1, 2024 – September 21, 2024 11:59pm ET**

**Participants: 6**

**Test Designer: [James Dorsey](#)**

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## Contest Information

**Cheating:** Do not discuss answers/hints. *No time limit. Two attempts and reference aids* are allowed. *No penalty* for guesses/wrong answers.

### HexaNum

Examples (**answers in bold**): 10, 20, 30, 40, 50, ? **60**    12345?? **67**

**I.** Each answer (hexadecimal) is only used once; add, subtract, multiply, divide, and pattern recognition skills only

1. ?123456789ABCDEF

2. 13579BD?

3. ?CA86420

4. 13, 5, 1, 5, 24, 8, ?, 4, 3, 12, 1

When arranged properly, these numbers form a non-mathematical sequence.

Once all 11 numbers have been found and put into the correct order, they reveal something that is quite key to section **I**. Find the missing number and state what the ordered sequence is about with only one 11-letter word.

To receive full credit (1 raw point), the sequence and the word must be correctly answered.

No partial credit will be given. Use this format when answering: number word; for example, 10 coffee

5. 2Pz4Hy8Dx16?w32Av

6. F, EF, DEF, CDFE, B?FED, ABFEDC

7. @@@^@^@@@, 2|BD, @@^@@@^@@, 4|B?, @^@@@@@^@, 6|AF, ^@@@@@^, 8|I

8. In section **I** only, not including this item, the number of correct answers plus one is: ?

**II.** Based on facts in English with some hints; only pattern recognition and reference aids required – no calculations

9. 1, 8978, 1811475, 20519?? (What this is)

10. 10113519, 415181???? (The creator of this particular one)

11. 16, 18, 9, 13, ? (Type of numbers)

12. 3, 15, 13, ?, 21, 20, 5, 18 (Popular Device)

13. ?, 19, 20, 6, 6, 19, 19, 5, 14, 20 (Rank)

14. 8, 8, 7, 9, 6, 4, 4, ?, 5, 5, 8, 7

15. 14-1518208, 5-11920, 23-51920, ??-1521208 = ??-?-??-?? (Information) Answer (left to right): ?? ??-?-??-??

16. In section **II** only, not including this item, the number of correct answers plus two is: ?

## Final Scoreboard (September 21, 2024)

Ranking	Name	Country	1 <sup>st</sup> Attempt	2 <sup>nd</sup> Attempt	Mean Score	Prize
<b>Winners</b>	Jim Lorrimore	England	16 (perfect score)	N/A	16	Free test submission and free society membership until October 31, 2024.
	Susumu Ota	Japan				
	Nobuo Yamashita	Japan				
	Motoki Semura	Japan				
	Tiberiu Sammak	Romania				
<b>2<sup>nd</sup> Place</b>	Victor Balacescu	Romania	13	N/A	13	Free test submission until October 15, 2024.