

Event: IMBT 2026

Notes:

## MATH BATTLE PROTOCOL

Date: 7.1.2026

| Team | PONOSNI SLOVENC  | Team | KOMBIH           |
|------|------------------|------|------------------|
| 1.   | ANDRAŽ ČADEŽ (C) | 1.   | HARUN MEMIĆ (C)  |
| 2.   | NAJA OBLAK (R)   | 2.   | AMILA PAŠIĆ (R)  |
| 3.   | ANJA ZAVRŠKI     | 3.   | HANA MEMIĆ       |
| 4.   | JON KOVAČIČ      | 4.   | NERMIN MALIĆEVIĆ |
| 5.   | URBAN PLEŠA      | 5.   | MILAN IVANOVIĆ   |
| 6.   |                  | 6.   | DINO AHIĆ        |

Captains' Contest: There are three eight-digit positive integers which are equal to the sum of the eighth powers of their digits. Given that two of the numbers are 24678051 and 88593477 compute the third number.

The winning captain of the team: PONOSNI SLOVENC

### BATTLE PROGRESS:

| Team            | Points | Challenge                | Points | Team             | Jury | Time  |
|-----------------|--------|--------------------------|--------|------------------|------|-------|
| PONOSNI SLOVENC |        |                          |        | KOMBIH           |      |       |
| ANDRAŽ ČADEŽ    | 1      | $\leftarrow 3$           | 10     | HARUN MEMIĆ      | 1    | 14:44 |
| URBAN PLEŠA     | 0      | $\xrightarrow{4}$        | 12     | DINO AHIĆ        | 0    | 15:36 |
| NAJA OBLAK      | 0      | $\overleftrightarrow{2}$ | 12     | NERMIN MALIĆEVIĆ | 0    | 15:52 |
| URBAN PLEŠA     | 0      | $\xrightarrow{1}$        | 12     | MILAN IVANOVIĆ   | 0    | 16:05 |
| ANDRAŽ ČADEŽ    | 12     | $\leftarrow 8$           | 0      | AMILA PAŠIĆ      | 0    | 16:13 |
| JON KOVAČIČ *   | 0      | $\overleftrightarrow{5}$ | 6      | HARUN MEMIĆ      | 6    | 16:26 |
|                 |        | <del>AAA</del>           |        |                  |      |       |
|                 |        |                          |        |                  |      |       |
| Final result:   | 13     |                          | 52     |                  | 7    |       |