| $\#$ | ANS | Problem statement | $\mathbf{P}$ |
| :---: | :---: | :--- | :---: |
| $\mathrm{E}^{+}-1$ | 3 | Nüx has three moira daughters, | 3 p |
| $\mathrm{E}^{+}-2$ | 36 | The area of a rectangle is $64 \mathrm{~cm}^{2}$, | 3 p |
| $\mathrm{E}^{+}-3$ | 40 | Hapi, the god of the annual flooding of the Nile | 3 p |
| $\mathrm{E}^{+}-4$ | 13 | In Eldorado a year has 20 months, and each month has 20 days. | 3 p |
| $\mathrm{E}^{+}-5$ | 50 | King Minos divided his rectangular island of Crete | 4 p |
| $\mathrm{E}^{+}-6$ | 1296 | Archimedes drew a square with side length 36 cm | 4 p |
| $\mathrm{E}^{+}-7$ | 1000 | One day Mnemosyne decided to colour all natural numbers | 4 p |
| $\mathrm{E}^{+}-8$ | 17 | Zoli wants to fill the given 4 $\times 4$ table | 4 p |
| $\mathrm{E}^{+}-9$ | 5 | The binary sudoku is a puzzle | 5 p |
| $\mathrm{E}^{+}-10$ | 12 | Marvin really likes pancakes, so he asked his grandma | 5 p |
| $\mathrm{E}^{+}-11$ | 1349 | A country has 2023 cities and there are flights between these cities. | 5 p |
| $\mathrm{E}^{+}-12$ | 900 | Zeus's lightning is made of a copper rod of length 60 | 5 p |
| $\mathrm{E}^{+}-13$ | 6732 | Csongi bought a 12-sided convex polygon-shaped pizza. | 6 p |
| $\mathrm{E}^{+}-14$ | 4 | For the Dürer final results announcement, | 6 p |
| $\mathrm{E}^{+}-15$ | 240 | What is the biggest positive integer which divides $p^{4}-q^{4}$ | 6 p |
| $\mathrm{E}^{+}-16$ | 1514 | What is the remainder of | 6 p |

