



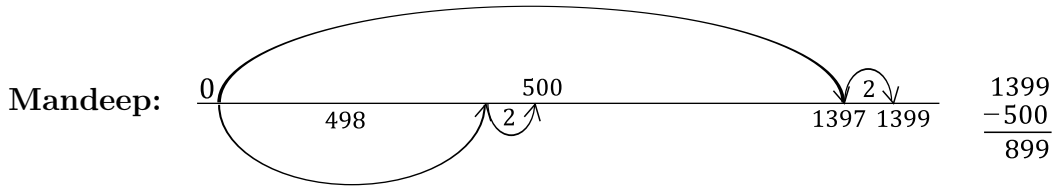
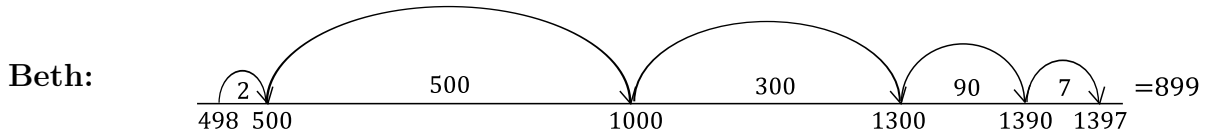
Problem of the Week

Problem B

Subtraction Actions

Four students in Miss Noether’s class are trying to solve the problem of subtracting 498 from 1397. Their attempts are shown below.

Samira:
$$\begin{array}{r} 1397 \\ -498 \\ \hline 101 \end{array}$$
Roger:
$$\begin{array}{r} 1000 + 300 + 90 + 7 \\ - \quad 400 + 90 + 8 \\ \hline 1000 + 200 + 180 + 17 \\ - \quad 300 + 100 + 90 + 8 \\ \hline 700 + 100 + 90 + 9 = 899 \end{array}$$



- Explain what you think each student did to solve the problem. Explain any errors and show them in a different colour.
- What is the correct answer for this problem?
- How would *you* solve this problem?

