

# TP 7: computing in $\mathbb{Z}_n$

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## 1 Substraction

Implement the subtraction algorithm for big integers given in the course, and test it with random values with the previously implemented addition algorithm for big integers.

## 2 Division with remainder

Implement the division with remainder algorithm for big integers given in the course.

## 3 Computing in $\mathbb{Z}_n$

Implement the addition and multiplication algorithm for integers in  $\mathbb{Z}_n$