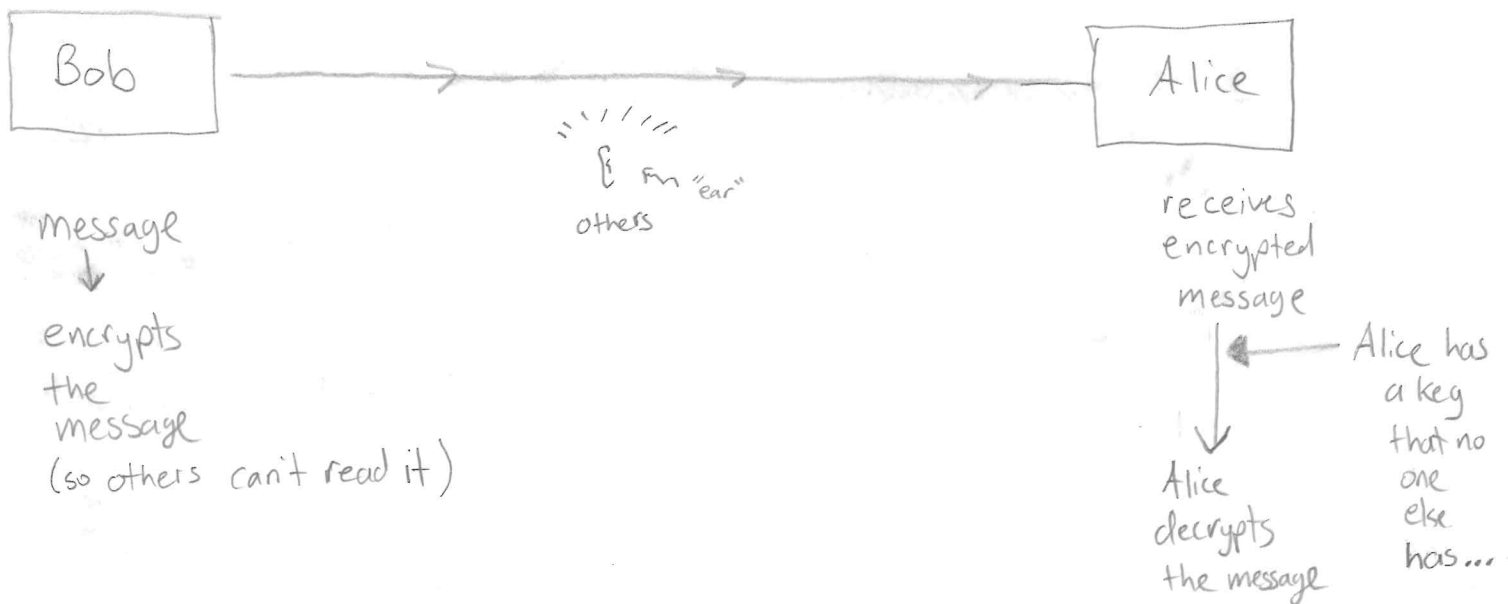


Cryptography

Classically



3 Examples

↳ "cypher" British English

① Shift cipher: $(\mathbb{Z}/26\mathbb{Z})$

② Anonymous voting technique: Division algorithm

Do variations on these.

③ Book cypher:] Explain this.

(Division Algorithm: If a and b are integers and $b > 0$, then there are unique integers q (the quotient) and r (the remainder) st. $a = bq + r$ where $0 \leq r < b$.

Note: Problem with \mathbb{Z} : can't divide...