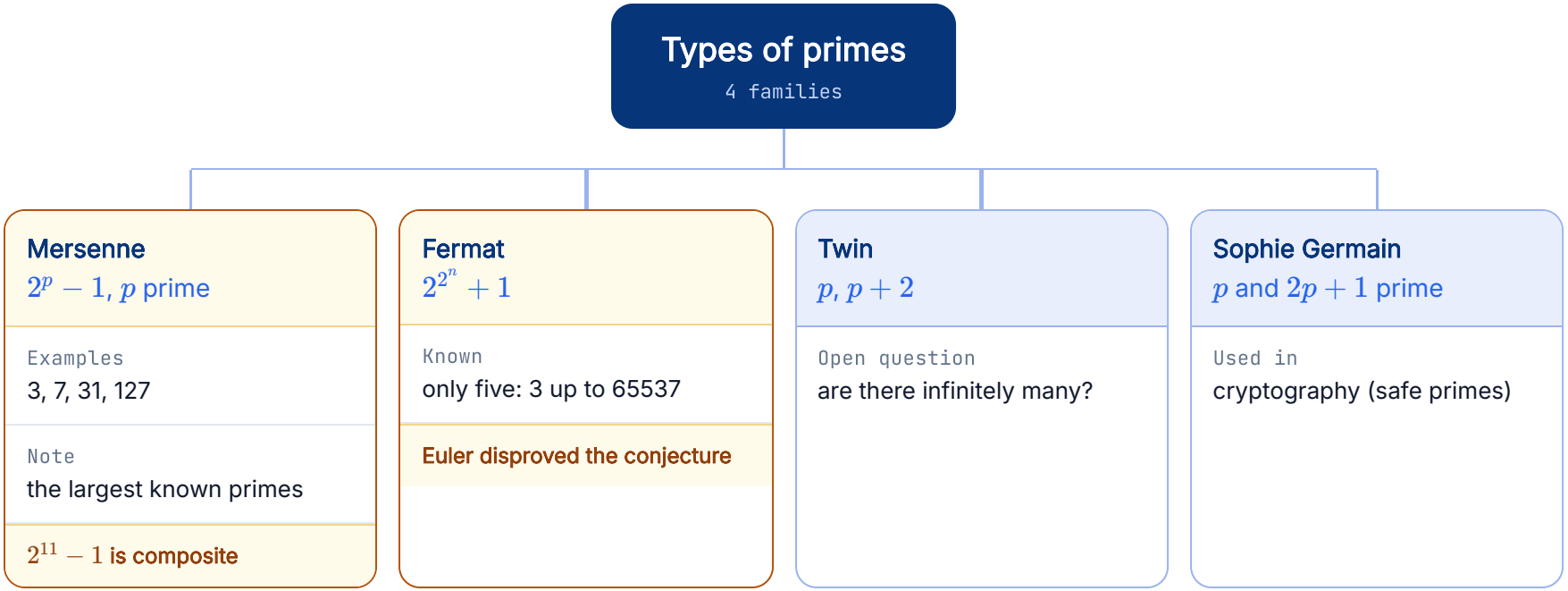
BEFORE YOU READ

Named families of primes

Some primes follow a pattern special enough to earn a name. Four families come up again and again.



TAKEAWAY

Patterns, not guarantees

A formula that produces primes for small inputs can fail later: $2^{11} - 1$ is composite, and Euler disproved the Fermat conjecture.