Fall 2022, Math 522: Preliminary Problem Set 7
Due: Wednesday, October 12th, 2022
Arithmetic Functions

Preliminary problems. These problems should be completed before discussion.

(P1) Find $\phi(n)$ for $n \leq 10$ and $n = 42$.

(P2) Verify that $\phi(42) = \phi(6)\phi(7)$, but that $\phi(8) \neq \phi(2)\phi(4)$.